

# Pennsylvania: 2002

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## 2002 Economic Census

*Manufacturing*

Geographic Area Series



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## 2002 Economic Census

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#### Geographic Area Series



**U.S. Department of Commerce**

**Carlos M. Gutierrez,**

Secretary

**David A. Sampson,**

Deputy Secretary

**Economics and Statistics Administration**

**Kathleen B. Cooper,**

Under Secretary for  
Economic Affairs

**U.S. CENSUS BUREAU**

**Charles Louis Kincannon,**

Director

---



**Economics  
and Statistics  
Administration**

**Kathleen B. Cooper,**  
Under Secretary  
for Economic Affairs



**U.S. CENSUS BUREAU**

**Charles Louis Kincannon,**  
Director

**Hermann Habermann,**  
Deputy Director and  
Chief Operating Officer

**Thomas L. Mesenbourg,**  
Associate Director  
for Economic Programs

**Thomas L. Mesenbourg,**  
Acting Assistant Director  
for Economic Programs

**William G. Bostic, Jr.,**  
Chief, Manufacturing  
and Construction Division

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# Introduction to the Economic Census

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## **PURPOSES AND USES OF THE ECONOMIC CENSUS**

The economic census is the major source of facts about the structure and functioning of the nation's economy. It provides essential information for government, business, industry, and the general public. Title 13 of the United States Code (Sections 131, 191, and 224) directs the Census Bureau to take the economic census every 5 years, covering years ending in "2" and "7."

The economic census furnishes an important part of the framework for such composite measures as the gross domestic product estimates, input/output measures, production and price indexes, and other statistical series that measure short-term changes in economic conditions. Specific uses of economic census data include the following:

- Policymaking agencies of the federal government use the data to monitor economic activity and to assess the effectiveness of policies.
- State and local governments use the data to assess business activities and tax bases within their jurisdictions and to develop programs to attract business.
- Trade associations study trends in their own and competing industries, which allows them to keep their members informed of market changes.
- Individual businesses use the data to locate potential markets and to analyze their own production and sales performance relative to industry or area averages.

## **INDUSTRY CLASSIFICATIONS**

Data from the 2002 Economic Census are published primarily according to the 2002 North American Industry Classification System (NAICS). NAICS was first adopted in the United States, Canada, and Mexico in 1997. The 2002 Economic Census covers the following NAICS sectors:

|       |  |
|-------|--|
| 21    | Mining   |
| 22    | Utilities  |
| 23    | Construction   |
| 31-33 | Manufacturing  |
| 42    | Wholesale Trade  |
| 44-45 | Retail Trade   |
| 48-49 | Transportation and Warehousing   |
| 51    | Information  |
| 52    | Finance and Insurance  |
| 53    | Real Estate and Rental and Leasing                                       |
| 54    | Professional, Scientific, and Technical Services                         |
| 55    | Management of Companies and Enterprises                                  |
| 56    | Administrative and Support and Waste Management and Remediation Services |
| 61    | Educational Services   |
| 62    | Health Care and Social Assistance  |
| 71    | Arts, Entertainment, and Recreation                                      |
| 72    | Accommodation and Food Services  |
| 81    | Other Services (except Public Administration)                            |

(Not listed above are the Agriculture, Forestry, Fishing, and Hunting sector (NAICS 11), partially covered by the census of agriculture conducted by the U.S. Department of Agriculture, and the Public Administration sector (NAICS 92), largely covered by the census of governments conducted by the Census Bureau.)

The 20 NAICS sectors are subdivided into 100 subsectors (three-digit codes), 317 industry groups (four-digit codes), and, as implemented in the United States, 1,179 industries (six-digit codes).



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## **RELATIONSHIP TO HISTORICAL INDUSTRY CLASSIFICATIONS**

Prior to the 1997 Economic Census, data were published according to the Standard Industrial Classification (SIC) system. While many of the individual NAICS industries correspond directly to industries as defined under the SIC system, most of the higher level groupings do not. Particular care should be taken in comparing data for retail trade, wholesale trade, and manufacturing, which are sector titles used in both NAICS and SIC, but cover somewhat different groups of industries. The 1997 Economic Census *Bridge Between NAICS and SIC* demonstrates the relationships between NAICS and SIC industries. Where changes are significant, it may not be possible to construct time series that include data for points both before and after 1997.

Most industry classifications remained unchanged between 1997 and 2002, but NAICS 2002 includes substantial revisions within the construction and wholesale trade sectors, and a number of revisions for the retail trade and information sectors. These changes are noted in industry definitions and will be demonstrated in the *Bridge Between NAICS 2002 and NAICS 1997*.

For 2002, data for enterprise support establishments (those functioning primarily to support the activities of their company's operating establishments, such as a warehouse or a research and development laboratory) are included in the industry that reflects their activities (such as warehousing). For 1997, such establishments were termed auxiliaries and were excluded from industry totals.

## **BASIS OF REPORTING**

The economic census is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each store, factory, shop, or other location. Each establishment is assigned a separate industry classification based on its primary activity and not that of its parent company. (For selected industries, only payroll, employment, and classification are collected for individual establishments, while other data are collected on a consolidated basis.)

## **GEOGRAPHIC AREA CODING**

Accurate and complete information on the physical location of each establishment is required to tabulate the census data for states, metropolitan and micropolitan statistical areas, counties, and corporate municipalities (places) including cities, towns, townships, villages, and boroughs. Respondents were required to report their physical location (street address, municipality, county, and state) if it differed from their mailing address. For establishments not surveyed by mail (and those single-establishment companies that did not provide acceptable information on physical location), location information from administrative sources is used as a basis for coding.

## **AVAILABILITY OF ADDITIONAL DATA**

All results of the 2002 Economic Census are available on the Census Bureau Internet site ([www.census.gov](http://www.census.gov)) and on digital versatile discs (DVD-ROMs) for sale by the Census Bureau. The American FactFinder system at the Internet site allows selective retrieval and downloading of the data. For more information, including a description of reports being issued, see the Internet site, write to the U.S. Census Bureau, Washington, DC 20233-6100, or call Customer Services at 301-763-4100.

## **HISTORICAL INFORMATION**

The economic census has been taken as an integrated program at 5-year intervals since 1967 and before that for 1954, 1958, and 1963. Prior to that time, individual components of the economic census were taken separately at varying intervals.

The economic census traces its beginnings to the 1810 Decennial Census, when questions on manufacturing were included with those for population. Coverage of economic activities was expanded for the 1840 Decennial Census and subsequent censuses to include mining and some commercial activities. The 1905 Manufactures Census was the first time a census was taken apart

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from the regular decennial population census. Censuses covering retail and wholesale trade and construction industries were added in 1930, as were some service trades in 1933. Censuses of construction, manufacturing, and the other business censuses were suspended during World War II.

The 1954 Economic Census was the first census to be fully integrated, providing comparable census data across economic sectors and using consistent time periods, concepts, definitions, classifications, and reporting units. It was the first census to be taken by mail, using lists of firms provided by the administrative records of other federal agencies. Since 1963, administrative records also have been used to provide basic statistics for very small firms, reducing or eliminating the need to send them census report forms.

The range of industries covered in the economic census expanded between 1967 and 2002. The census of construction industries began on a regular basis in 1967, and the scope of service industries, introduced in 1933, was broadened in 1967, 1977, and 1987. While a few transportation industries were covered as early as 1963, it was not until 1992 that the census broadened to include all of transportation, communications, and utilities. Also new for 1992 was coverage of financial, insurance, and real estate industries. With these additions, the economic census and the separate census of governments and census of agriculture collectively covered roughly 98 percent of all economic activity. New for 2002 is coverage of four industries classified in the agriculture, forestry, and fishing sector under the SIC system: landscape architectural services, landscaping services, veterinary services, and pet care services.

Printed statistical reports from the 1992 and earlier censuses provide historical figures for the study of long-term time series and are available in some large libraries. Reports for 1997 were published primarily on the Internet and copies of 1992 reports are also available there. CD-ROMs issued from the 1987, 1992, and 1997 Economic Censuses contain databases that include all or nearly all data published in print, plus additional statistics, such as ZIP Code statistics, published only on CD-ROM.

#### **SOURCES FOR MORE INFORMATION**

More information about the scope, coverage, classification system, data items, and publications for the 2002 Economic Census and related surveys is published in the *Guide to the 2002 Economic Census* at [www.census.gov/econ/census02/guide](http://www.census.gov/econ/census02/guide). More information on the methodology, procedures, and history of the census will be published in the *History of the 2002 Economic Census* at [www.census.gov/econ/www/history.html](http://www.census.gov/econ/www/history.html).



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# Manufacturing

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## SCOPE

The Manufacturing sector (sector 31-33) comprises establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. The assembling of component parts of manufactured products is considered manufacturing, except in cases where the activity is appropriately classified in Sector 23, Construction.

Establishments in the manufacturing sector are often described as plants, factories, or mills and characteristically use power-driven machines and materials-handling equipment. However, establishments that transform materials or substances into new products by hand or in the worker's home and those engaged in selling to the general public products made on the same premises from which they are sold, such as bakeries, candy stores, and custom tailors, may also be included in this sector. Manufacturing establishments may process materials or may contract with other establishments to process their materials for them. Both types of establishments are included in manufacturing.

The materials, substances, or components transformed by manufacturing establishments are raw materials that are products of agriculture, forestry, fishing, mining, or quarrying, as well as products of other manufacturing establishments. The materials used may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another, under the same ownership. The new product of a manufacturing establishment may be finished in the sense that it is ready for utilization or consumption, or it may be semifinished to become an input for an establishment engaged in further manufacturing. For example, the product of the alumina refinery is the input used in the primary production of aluminum; primary aluminum is the input to an aluminum wire drawing plant; and aluminum wire is the input for a fabricated wire product manufacturing establishment.

The subsectors in the manufacturing sector generally reflect distinct production processes related to material inputs, production equipment, and employee skills. In the machinery area, where assembling is a key activity, parts and accessories for manufactured products are classified in the industry of the finished manufactured item when they are made for separate sale. For example, a replacement refrigerator door would be classified with refrigerators and an attachment for a piece of metal working machinery would be classified with metal working machinery. However, components, input from other manufacturing establishments, are classified based on the production function of the component manufacturer. For example, electronic components are classified in Subsector 334, Computer and Electronic Product Manufacturing; and stampings are classified in Subsector 332, Fabricated Metal Product Manufacturing.

Manufacturing establishments often perform one or more activities that are classified outside the manufacturing sector of NAICS. For instance, almost all manufacturing has some captive research and development or administrative operations, such as accounting, payroll, or management. These captive services are treated the same as captive manufacturing activities. When the services are provided by separate establishments, they are classified to the NAICS sector where such services are primary, not in manufacturing.

The boundaries of manufacturing and the other sectors of the classification system can be somewhat blurry. The establishments in the manufacturing sector are engaged in the transformation of materials into new products. Their output is a new product. However, the definition of what constitutes a new product can be somewhat subjective. As clarification, the following activities are

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considered manufacturing in NAICS: milk bottling and pasteurizing; water bottling and processing; fresh fish packaging (oyster shucking, fish filleting); apparel jobbing (assigning of materials to contract factories or shops for fabrication or other contract operations); as well as contracting on materials owned by others; printing and related activities; ready-mixed concrete production; leather converting; grinding of lenses to prescription; wood preserving; electroplating, plating, metal heat treating, and polishing for the trade; lapidary work for the trade; fabricating signs and advertising displays; rebuilding or remanufacturing machinery (i.e., automotive parts); ship repair and renovation; machine shops; and tire retreading.

**Exclusions.** There are activities that are sometimes considered manufacturing, but for NAICS are classified in another sector. These activities include logging, classified in Sector 11, Agriculture, Forestry, Fishing and Hunting is considered a harvesting operation; the beneficiating of ores and other minerals, classified in Sector 21, Mining, is considered part of the activity of mining; the construction of structures and fabricating operations performed at the site of construction by contractors, is classified in Sector 23, Construction; establishments engaged in breaking of bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, such as liquors or chemicals; the customized assembly of computers; sorting of scrap; mixing paints to customer order; and cutting metals to customer order, classified in Sector 42, Wholesale Trade or Sector 44-45, Retail Trade, produce a modified version of the same product, not a new product; and publishing and the combined activity of publishing and printing, classified in Sector 51, Information, perform the transformation of information into a product where as the value of the product to the consumer lies in the information content, not in the format in which it is distributed (i.e., the book or software diskette).

The tabulations for this sector do not include central administrative offices, warehouses, or other establishments that serve manufacturing establishments within the same organization. Data for such establishments are classified according to the nature of the service they provide. For example, separate headquarters establishments are reported in NAICS Sector 55, Management of Companies and Enterprises.

The reports described below exclude establishments of firms with no paid employees. These “nonemployers,” typically self-employed individuals or partnerships operating businesses that they have not chosen to incorporate, are reported separately in Nonemployer Statistics. The contribution of nonemployers, relatively small for this sector, may be examined at [www.census.gov/nonemployerimpact](http://www.census.gov/nonemployerimpact).

The reports described below cover all manufacturing establishments with one or more paid employees.

**Definitions.** Industry categories are defined in Appendix B, NAICS Codes, Titles, and Descriptions. Other terms are defined in Appendix A, Explanation of Terms.

## REPORTS

The following reports provide statistics on this sector:

**Industry Series.** There are 473 reports, each covering a single NAICS industry (six-digit code). These reports include such statistics as number of establishments, employment, payroll, value added by manufacture, cost of materials consumed, value of shipments, capital expenditures, etc. The industry reports also include data for states with 100 employees or more in the industry. The data in industry reports are preliminary and subject to change in the following reports.

**Geographic Area Series.** There are 51 separate reports, one for each state and the District of Columbia. Each state report presents similar statistics at the “all manufacturing” level for each state and its metropolitan and micropolitan areas with 250 employees or more, and for counties, consolidated cities, and places with 500 employees or more. The state reports also include six-digit NAICS level data for industries with 100 employees or more in the state.

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## Subject Series:

- **Industry-Product Analysis Summary.** This report presents value of shipments, value of product shipments, percentage of product shipments of the total value of shipments, and percentage of distribution of value of product shipments on the NAICS six-digit industry level and by the six- and seven-digit product code levels. It also includes miscellaneous receipts at the six- and seven-digit product code levels by NAICS six-digit industry levels.
- **General Summary.** This report contains industry and geographic area statistics summarized in one report. It includes higher levels of aggregation than the industry and state reports, as well as revisions to the data made after the release of the industry and state reports.
- **Product Summary.** This report summarizes the products data published in the industry reports. This report also includes a table with data for products that are primary to more than one industry, which are not in the industry reports.
- **Materials Summary.** This report summarizes the materials data published in the industry reports.
- **Concentration Ratio Summary.** This report publishes data on the percentage of value of shipments and value added accounted for by the 4-, 8-, 20-, and 50-largest companies for each manufacturing industry. Also shown in this report are Herfindahl-Herschmann indexes for each industry.
- **Location of Manufacturing Plants Summary.** This report contains statistics on the number of establishments for the three- and six-digit NAICS industry by state, county, place, and ZIP Code by employment-size of the establishment.

**ZIP Code Statistics.** This report contains statistics on the number of establishments for the three- and six-digit NAICS industry by employment-size of the establishment by ZIP Code.

**Other reports.** Data for this sector are also included in reports with multisector coverage, including Nonemployer Statistics, Comparative Statistics, Bridge Between 2002 NAICS and 1997 NAICS, Business Expenses, and the Survey of Business Owners reports.

## GEOGRAPHIC AREAS COVERED

The level of geographic detail varies by report. Maps are available at [www.census.gov/econ2002maps](http://www.census.gov/econ2002maps). Notes specific to areas in the state are included in Appendix D, Geographic Notes.

1. The United States as a whole.
2. States and the District of Columbia.
3. Metropolitan and micropolitan statistical areas with 250 employees or more. A core based statistical areas (CBSA) contains a core area with a substantial population nucleus, together with adjacent communities having a high degree of social and economic integration with that core. CBSAs are differentiated into metropolitan and micropolitan statistical areas based on size criteria. Both metropolitan and micropolitan areas are defined in terms of entire counties, and are listed in Appendix E, Metropolitan and Micropolitan Statistical Areas.
  - a. Metropolitan Statistical Areas (metro areas). Metro areas have at least one urbanized area of 50,000 or more population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
  - b. Micropolitan Statistical Areas (micro areas). Micro areas have at least one urban cluster of at least 10,000 but less than 50,000 population, plus adjacent territory that has a high degree of social and economic integration with the core as measured by commuting ties.
  - c. Metropolitan Divisions (metro divisions). If specified criteria are met, a metro area containing a single core with a population of 2.5 million or more may be subdivided to form smaller groupings of counties referred to as Metropolitan Divisions.

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- d. Combined Statistical Areas (combined areas). If specified criteria are met, adjacent metro and micro areas, in various combinations, may become the components of a new set of areas called Combined Statistical Areas. The areas that combine retain their own designations as metro or micro areas within the larger combined area.
4. Counties and county equivalents defined as of January 1, 2002, with 500 employees or more. Counties are the primary divisions of states, except in Louisiana where they are called parishes and in Alaska where they are called boroughs, census areas, and city and boroughs. Maryland, Missouri, Nevada, and Virginia have one place or more that is independent of any county organization and constitutes primary divisions of their states. These places are treated as counties and as places.
  5. Economic places with 500 employees or more.
    - a. Municipalities of 2,500 inhabitants or more defined as of January 1, 2002. These are areas of significant population incorporated as cities, boroughs, villages, or towns according to the 2000 Census of Population. For the economic census, boroughs and census areas in Alaska and boroughs in New York are not included in this category.
    - b. Consolidated cities defined as of January 1, 2002. Consolidated cities are consolidated governments that consist of separately incorporated municipalities.
    - c. Townships in Michigan, New Jersey, and Pennsylvania, and towns in New York, Wisconsin, and the six New England states with 10,000 inhabitants or more (according to the 2000 Census of Population).
    - d. Balance of county. Areas outside the entities listed above, including incorporated municipalities with populations of fewer than 2,500, town and townships not qualifying as noted above, and the remainders of counties outside places are categorized as "Balance of county."

## **DOLLAR VALUES**

All dollar values presented are expressed in current dollars; i.e., 2002 data are expressed in 2002 dollars, and 1997 data, in 1997 dollars. Consequently, when making comparisons with prior years, users of the data should consider the changes in prices that have occurred.

All dollar values are shown in thousands of dollars.

## **COMPARABILITY OF THE 1997 AND 2002 ECONOMIC CENSUSES**

Both the 2002 Economic Census and the 1997 Economic Census present data based on the North American Industry Classification System (NAICS). While there were revisions to selected industries for 2002, this sector is not affected by those revisions.

For 2002, there have been several additional data tables added, which did not exist in 1997. These tables for 2002 include products primary to more than one industry, industry-product analysis, e-commerce value of shipments, and leased and nonleased detail employment statistics by subsectors.

## **RELIABILITY OF DATA**

All data compiled for this sector are subject to nonsampling errors. Nonsampling errors can be attributed to many sources: inability to identify all cases in the actual universe; definition and classification difficulties; differences in the interpretation of questions; errors in recording or coding the data obtained; and other errors of collection, response, coverage, processing, and estimation for missing or misreported data. Selected data in tables titled "Detailed Statistics" are based on the Annual Survey of Manufactures and are subject to sampling errors as well as nonsampling errors.

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No direct measurement of these effects has been obtained except for estimation for missing or misreported data, as by the percentages shown in the tables. Precautionary steps were taken in all phases of the collection, processing, and tabulation of the data in an effort to minimize the effects of nonsampling errors. More information on the reliability of the data is included in Appendix C, Methodology.

## **DISCLOSURE**

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or company. However, the number of establishments in a specific industry or geographic area is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at [www.census.gov/epcd/ec02/disclosure.htm](http://www.census.gov/epcd/ec02/disclosure.htm).

The disclosure analysis for "industry statistics" files is based on the total value of shipments. When the total value of shipments cannot be shown without disclosing information for individual companies, the complete line is suppressed except for capital expenditures. Nonetheless, the suppressed data are included in higher-level totals. A separate disclosure analysis is performed for capital expenditures, which can be suppressed even though value of shipments data are published.

## **AVAILABILITY OF MORE FREQUENT ECONOMIC DATA**

The Census Bureau conducts the Annual Survey of Manufactures (ASM) in each of the 4 years between the economic censuses. The ASM is a probability-based sample of approximately 55,000 establishments and collects many of the same industry statistics (including employment, payroll, value of shipments, etc.) as the economic census. However, there are selected statistics not included in the ASM. Among these are the number of companies and establishments, detailed product and materials data, and substate geographic data. In addition to the ASM, the Census Bureau conducts the Current Industrial Reports (CIR) program. The CIR program publishes selected detailed product statistics for selected manufacturing industries at the U.S. level annually and, in some cases, monthly and/or quarterly. The Census Bureau also conducts the monthly Manufacturers' Shipments, Inventories, and Orders (M3) Program, which publishes detailed statistics for manufacturing industries at the U.S. level.

In addition, the County Business Patterns program offers annual statistics on the number of establishments, employment, and payroll classified by industry within each county, and Statistics of U.S. Businesses provides annual statistics classified by the employment size of the enterprise, further classified by industry for the United States, and by broader categories for states and metropolitan areas.

## **CONTACTS FOR DATA USERS**

Questions about these data may be directed to the U.S. Census Bureau, Manufacturing & Construction Division, Information Services Center, 301-763-4673 or [ask.census.gov](mailto:ask.census.gov).

## **ABBREVIATIONS AND SYMBOLS**

The following abbreviations and symbols are used with these data:

|   |   |
|---|---|
| A | Standard error of 100 percent or more   |
| D | Withheld to avoid disclosing data of individual companies; data are included in higher level totals |
| F | Exceeds 100 percent because data include establishments with payroll exceeding revenue              |
| N | Not available or not comparable   |
| S | Withheld because estimates did not meet publication standards                                       |
| X | Not applicable  |
| Z | Less than half the unit shown   |
| a | 0 to 19 employees   |
| b | 20 to 99 employees  |
| c | 100 to 249 employees  |



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|      |   |
|------|---|
| e    | 250 to 499 employees                    |
| f    | 500 to 999 employees                    |
| g    | 1,000 to 2,499 employees                |
| h    | 2,500 to 4,999 employees                |
| i    | 5,000 to 9,999 employees                |
| j    | 10,000 to 24,999 employees              |
| k    | 25,000 to 49,999 employees              |
| l    | 50,000 to 99,999 employees              |
| m    | 100,000 employees or more               |
| p    | 10 to 19 percent estimated              |
| q    | 20 to 29 percent estimated              |
| r    | Revised                                 |
| s    | Sampling error exceeds 40 percent       |
| nsk  | Not specified by kind                   |
| -    | Represents zero (page image/print only) |
| (CC) | Consolidated city                       |
| (IC) | Independent city                        |

**Table 1. Industry Statistics for the State: 2002**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code          | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                     |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1  | 16 665                          | 5 658                     | '715 453            | '27 520 049       | '507 352            | '1 007 483    | '16 357 457     | '92 319 195           | '89 072 976                       | '181 462 443                       | '4 922 598                           |
| 311                 | Food manufacturing .....  | 1  | '1 376                          | '422                      | '71 069             | '2 395 420        | '51 666             | '103 242      | '1 553 447      | '11 592 790           | '10 712 359                       | '22 275 196                        | '465 335                             |
| 3111                | Animal food manufacturing .....                                       | 2  | 104                             | 36                        | 3 275               | 117 513           | 2 135               | 4 390         | 64 650          | 543 224               | 992 841                           | 1 522 536                          | 35 422                               |
| 31111               | Animal food manufacturing ....  | 2  | 104                             | 36                        | 3 275               | 117 513           | 2 135               | 4 390         | 64 650          | 543 224               | 992 841                           | 1 522 536                          | 35 422                               |
| 311111              | Dog and cat food manufacturing .....                                  | -  | 12                              | 8                         | 1 434               | 56 228            | 1 096               | 2 235         | 36 659          | 406 812               | 437 522                           | 827 061                            | 15 865                               |
| 311119              | Other animal food manufacturing .....                                 | 4  | 92                              | 28                        | 1 841               | 61 285            | 1 039               | 2 155         | 27 991          | 136 412               | 555 319                           | 695 475                            | 19 557                               |
| 3112                | Grain and oilseed milling .....                                       | -  | 30                              | 8                         | 935                 | 50 498            | 695                 | 1 575         | 36 972          | 560 900               | 377 281                           | 939 378                            | 9 185                                |
| 31121               | Flour milling and malt manufacturing .....                            | -  | 24                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311211              | Flour milling .....   | -  | 21                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31123               | Breakfast cereal manufacturing .....                                  | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311230              | Breakfast cereal manufacturing .....                                  | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113                | Sugar and confectionery product manufacturing .....                   | 1  | 152                             | 43                        | 10 146              | 409 980           | 8 232               | 16 747        | 319 483         | 2 489 238             | 1 602 311                         | 4 090 110                          | 87 798                               |
| 31132               | Chocolate and confectionery manufacturing from cacao beans .....      | -  | 16                              | 6                         | 3 079               | 161 364           | 2 564               | 5 717         | 131 257         | 884 520               | 907 684                           | 1 802 870                          | D                                    |
| 311320              | Chocolate and confectionery manufacturing from cacao beans .....      | -  | 16                              | 6                         | 3 079               | 161 364           | 2 564               | 5 717         | 131 257         | 884 520               | 907 684                           | 1 802 870                          | D                                    |
| 31133               | Confectionery manufacturing from purchased chocolate .....            | -  | 98                              | 25                        | 5 145               | 183 106           | 4 136               | 7 936         | 142 885         | 1 254 480             | 535 900                           | 1 783 528                          | 62 592                               |
| 311330              | Confectionery manufacturing from purchased chocolate .....            | -  | 98                              | 25                        | 5 145               | 183 106           | 4 136               | 7 936         | 142 885         | 1 254 480             | 535 900                           | 1 783 528                          | 62 592                               |
| 31134               | Nonchocolate confectionery manufacturing .....                        | 2  | 37                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 12 577                               |
| 311340              | Nonchocolate confectionery manufacturing .....                        | 2  | 37                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 12 577                               |
| 3114                | Fruit and vegetable preserving and specialty food manufacturing ..... | 2  | 50                              | 32                        | 6 704               | 208 181           | 5 715               | 11 784        | 156 327         | 823 031               | 874 731                           | 1 696 150                          | 56 606                               |
| 31141               | Frozen food manufacturing ....  | 2  | 23                              | 14                        | 2 439               | 79 883            | 2 019               | 4 074         | 55 549          | 357 051               | 223 920                           | 580 214                            | 9 440                                |
| 311411              | Frozen fruit, juice, and vegetable manufacturing ...                  | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311412              | Frozen specialty food manufacturing .....                             | 3  | 20                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142               | Fruit and vegetable canning, pickling, and drying .....               | 2  | 27                              | 18                        | 4 265               | 128 298           | 3 696               | 7 710         | 100 778         | 465 980               | 650 811                           | 1 115 936                          | 47 166                               |
| 311421              | Fruit and vegetable canning .....                                     | 5  | 24                              | 15                        | 2 332               | 65 873            | 1 992               | 4 218         | 51 088          | 292 051               | 325 804                           | 618 143                            | 19 575                               |
| 311422              | Specialty canning .....   | 2  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311423              | Dried and dehydrated food manufacturing .....                         | -  | 1                               | 1                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115                | Dairy product manufacturing .....                                     | -  | 99                              | 47                        | 7 518               | 284 262           | 4 487               | 9 324         | 155 668         | 925 793               | 2 057 602                         | 2 980 339                          | 69 087                               |
| 31151               | Dairy product (except frozen) manufacturing .....                     | -  | 76                              | 41                        | 5 912               | 235 263           | 3 511               | 7 389         | 127 273         | 686 931               | 1 797 757                         | 2 485 324                          | 54 801                               |
| 311511              | Fluid milk manufacturing ....   | -  | 39                              | 22                        | 3 721               | 157 496           | 1 768               | 3 854         | 67 498          | 397 551               | 876 283                           | 1 273 086                          | 30 380                               |
| 311513              | Cheese manufacturing .....  | -  | 24                              | 10                        | 1 625               | 56 756            | 1 336               | 2 671         | 44 924          | 225 977               | 572 634                           | 797 264                            | 16 428                               |
| 311514              | Dry, condensed, and evaporated dairy product manufacturing .....      | -  | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31152               | Ice cream and frozen dessert manufacturing .....                      | 2  | 23                              | 6                         | 1 606               | 48 999            | 976                 | 1 935         | 28 395          | 238 862               | 259 845                           | 495 015                            | 14 286                               |
| 311520              | Ice cream and frozen dessert manufacturing .....                      | 2  | 23                              | 6                         | 1 606               | 48 999            | 976                 | 1 935         | 28 395          | 238 862               | 259 845                           | 495 015                            | 14 286                               |
| 3116                | Animal slaughtering and processing .....                              | -  | 177                             | 76                        | 14 510              | 434 541           | 11 487              | 22 868        | 281 632         | 1 055 690             | 2 728 807                         | 3 790 740                          | 91 091                               |
| 31161               | Animal slaughtering and processing .....                              | -  | 177                             | 76                        | 14 510              | 434 541           | 11 487              | 22 868        | 281 632         | 1 055 690             | 2 728 807                         | 3 790 740                          | 91 091                               |
| 311611              | Animal (except poultry) slaughtering .....                            | -  | 77                              | 18                        | 4 262               | 139 758           | 3 285               | 6 479         | 80 442          | 300 213               | 1 430 491                         | 1 737 976                          | 15 334                               |
| 311612              | Meat processed from carcasses .....                                   | -  | 70                              | 40                        | 4 575               | 150 405           | 3 590               | 7 568         | 96 203          | 344 911               | 733 889                           | 1 078 572                          | 42 604                               |
| 311613              | Rendering and meat byproduct processing .....                         | 1  | 9                               | 4                         | 344                 | 11 233            | 134                 | 298           | 4 498           | 45 015                | 39 141                            | 78 517                             | 1 039                                |
| 311615              | Poultry processing .....  | -  | 21                              | 14                        | 5 329               | 133 145           | 4 478               | 8 523         | 100 489         | 365 551               | 525 286                           | 895 675                            | 32 114                               |
| 3117                | Seafood product preparation and packaging .....                       | -  | 9                               | 2                         | 385                 | 9 687             | 337                 | 697           | 7 564           | 59 943                | 61 880                            | 121 818                            | 840                                  |
| 31171               | Seafood product preparation and packaging .....                       | -  | 9                               | 2                         | 385                 | 9 687             | 337                 | 697           | 7 564           | 59 943                | 61 880                            | 121 818                            | 840                                  |
| 311712              | Fresh and frozen seafood processing .....                             | -  | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118                | Bakeries and tortilla manufacturing .....                             | 1  | '589                            | '115                      | '16 924             | '555 842          | '11 352             | '21 957       | '352 058        | '2 276 984            | '939 524                          | '3 205 683                         | '74 370                              |
| 31181               | Bread and bakery product manufacturing .....                          | 1  | '548                            | '96                       | '12 663             | '393 167          | '7 774              | '14 339       | '227 627        | '1 359 485            | '578 034                          | '1 939 639                         | '47 655                              |
| 311811              | Retail bakeries .....   | '5 | '395                            | '39                       | '3 239              | '48 658           | '1 680              | '2 275        | '25 396         | '93 410               | '47 751                           | '141 100                           | '3 404                               |
| 311812              | Commercial bakeries .....   | -  | 135                             | 44                        | 7 305               | 270 299           | 4 401               | 8 631         | 150 764         | 991 493               | 339 835                           | 1 332 221                          | 34 295                               |
| 311813              | Frozen cakes, pies, and other pastries manufacturing .....            | -  | 18                              | 13                        | 2 119               | 74 210            | 1 693               | 3 433         | 51 467          | 274 582               | 190 448                           | 466 318                            | 9 956                                |

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| NAICS code               | Geographic area and industry  | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|--------------------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                          |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>PENNSYLVANIA—Con.</b> |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 311                      | Food manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3118                     | Bakeries and tortilla manufacturing—Con.                            |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31182                    | Cookie, cracker, and pasta manufacturing .....                      | 2                               | 39    | 18                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 311821                   | Cookie and cracker manufacturing .....                              | 1                               | 23    | 13                        | 4 013               | 155 068            | 3 395               | 7 239         | 119 336               | 895 186                           | 334 662                            | 1 216 936                            | 25 528          |
| 311823                   | Dry pasta manufacturing ....  | 6                               | 12    | 3                         | 142                 | 5 052              | 104                 | 229           | 3 620                 | 16 716                            | 22 417                             | 39 093                               | 766             |
| 3119                     | Other food manufacturing .....                                      | 1                               | 166   | 63                        | 10 672              | 324 916            | 7 226               | 13 900        | 179 093               | 2 857 987                         | 1 077 382                          | 3 928 442                            | 40 936          |
| 31191                    | Snack food manufacturing, ....                                      | 1                               | 52    | 30                        | 6 517               | 188 621            | 4 272               | 8 023         | 101 393               | 960 756                           | 501 141                            | 1 454 421                            | D               |
| 311911                   | Roasted nuts and peanut butter manufacturing .....                  | —                               | 5     | 2                         | 108                 | 2 900              | 80                  | 149           | 1 728                 | 13 563                            | 40 869                             | 54 624                               | D               |
| 311919                   | Other snack food manufacturing .....                                | 1                               | 47    | 28                        | 6 409               | 185 721            | 4 192               | 7 874         | 99 665                | 947 193                           | 460 272                            | 1 399 797                            | 27 168          |
| 31192                    | Coffee and tea manufacturing .                                      | 6                               | 4     | 2                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311920                   | Coffee and tea manufacturing .....                                  | 6                               | 4     | 2                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31193                    | Flavoring syrup and concentrate manufacturing ...                   | —                               | 4     | 2                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 361           |
| 311930                   | Flavoring syrup and concentrate manufacturing .                     | —                               | 4     | 2                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 361           |
| 31194                    | Seasoning and dressing manufacturing .....                          | 2                               | 21    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 4 928           |
| 311941                   | Mayonnaise, dressing, and other prepared sauce manufacturing .....  | —                               | 13    | 4                         | 531                 | 17 439             | 375                 | 790           | 11 520                | 135 997                           | 86 292                             | 222 286                              | 2 627           |
| 311942                   | Spice and extract manufacturing .....                               | 5                               | 8     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 301           |
| 31199                    | All other food manufacturing ...                                    | 1                               | 85    | 19                        | 2 808               | 75 254             | 2 046               | 3 987         | 44 729                | 261 004                           | 317 603                            | 578 758                              | 5 774           |
| 311991                   | Perishable prepared food manufacturing .....                        | —                               | 33    | 10                        | 1 649               | 43 320             | 1 219               | 2 513         | 27 592                | 124 399                           | 127 455                            | 251 893                              | 2 726           |
| 311999                   | All other miscellaneous food manufacturing .....                    | 1                               | 52    | 9                         | 1 159               | 31 934             | 827                 | 1 474         | 17 137                | 136 605                           | 190 148                            | 326 865                              | 3 048           |
| 312                      | Beverage and tobacco product manufacturing .....                    | 2                               | 143   | 42                        | 6 866               | 265 263            | 3 868               | 7 621         | 131 452               | 1 175 844                         | 1 149 231                          | 2 334 696                            | 84 892          |
| 3121                     | Beverage manufacturing .....  | 2                               | 125   | 37                        | 5 838               | 228 838            | 3 026               | 5 948         | 105 669               | 939 944                           | 1 097 237                          | 2 046 520                            | 80 357          |
| 31211                    | Soft drink and ice manufacturing .....                              | 2                               | 65    | 27                        | 4 657               | 184 640            | 2 178               | 4 414         | 76 196                | 610 146                           | 951 758                            | 1 572 861                            | 64 528          |
| 312111                   | Soft drink manufacturing ...  | 1                               | 30    | 18                        | 3 966               | 164 484            | 1 892               | 3 917         | 69 518                | 506 653                           | 879 590                            | 1 397 415                            | 55 415          |
| 312112                   | Bottled water manufacturing .                                       | 9                               | 17    | 6                         | 493                 | 14 714             | 198                 | 366           | 5 194                 | 87 672                            | 68 811                             | 156 294                              | 7 247           |
| 312113                   | Ice manufacturing .....   | 1                               | 18    | 3                         | 198                 | 5 442              | 88                  | 131           | 1 484                 | 15 821                            | 3 357                              | 19 152                               | 1 866           |
| 31212                    | Breweries .....   | 3                               | 25    | 8                         | 891                 | 33 964             | 674                 | 1 201         | 23 622                | 283 196                           | 117 167                            | 398 780                              | 12 353          |
| 312120                   | Breweries .....   | 3                               | 25    | 8                         | 891                 | 33 964             | 674                 | 1 201         | 23 622                | 283 196                           | 117 167                            | 398 780                              | 12 353          |
| 31213                    | Wineries .....  | 8                               | 31    | 1                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312130                   | Wineries .....  | 8                               | 31    | 1                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31214                    | Distilleries .....  | 9                               | 4     | 1                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312140                   | Distilleries .....  | 9                               | 4     | 1                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3122                     | Tobacco manufacturing .....   | —                               | 18    | 5                         | 1 028               | 36 425             | 842                 | 1 673         | 25 783                | 235 900                           | 51 994                             | 288 176                              | 4 535           |
| 31222                    | Tobacco product manufacturing .....                                 | —                               | 17    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312229                   | Other tobacco product manufacturing .....                           | —                               | 16    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313                      | Textile mills .....   | 4                               | 186   | 88                        | 10 118              | 295 788            | 8 307               | 16 419        | 202 257               | 728 614                           | 688 205                            | 1 407 684                            | 32 389          |
| 3131                     | Fiber, yarn, and thread mills .....                                 | 6                               | 30    | 17                        | 1 689               | 41 457             | 1 450               | 2 807         | 31 459                | 69 555                            | 135 448                            | 204 823                              | 5 369           |
| 31311                    | Fiber, yarn, and thread mills ...                                   | 6                               | 30    | 17                        | 1 689               | 41 457             | 1 450               | 2 807         | 31 459                | 69 555                            | 135 448                            | 204 823                              | 5 369           |
| 313111                   | Yarn spinning mills .....   | —                               | 11    | 6                         | 533                 | 13 541             | 454                 | 795           | 9 837                 | 21 484                            | 17 055                             | 38 911                               | 506             |
| 313112                   | Yarn texturizing, throwing, and twisting mills .....                | 9                               | 11    | 6                         | 814                 | 19 947             | 723                 | 1 474         | 15 879                | 33 287                            | 100 028                            | 133 144                              | 4 482           |
| 313113                   | Thread mills .....  | 1                               | 8     | 5                         | 342                 | 7 969              | 273                 | 538           | 5 743                 | 14 784                            | 18 365                             | 32 768                               | 381             |
| 3132                     | Fabric mills .....  | 2                               | 89    | 48                        | 6 505               | 194 757            | 5 295               | 10 437        | 128 494               | 464 197                           | 340 303                            | 795 967                              | 22 356          |
| 31321                    | Broadwoven fabric mills .....                                       | 4                               | 32    | 19                        | 2 313               | 65 037             | 1 965               | 3 882         | 48 292                | 179 929                           | 149 667                            | 327 995                              | 6 744           |
| 313210                   | Broadwoven fabric mills .....                                       | 4                               | 32    | 19                        | 2 313               | 65 037             | 1 965               | 3 882         | 48 292                | 179 929                           | 149 667                            | 327 995                              | 6 744           |
| 31322                    | Narrow fabric mills and schiffli machine embroidery .....           | —                               | 27    | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 5 460           |
| 313221                   | Narrow fabric mills .....   | —                               | 25    | 12                        | 1 823               | 54 032             | 1 446               | 2 896         | 33 967                | 89 700                            | 53 111                             | 142 130                              | D               |
| 31323                    | Nonwoven fabric mills .....   | —                               | 15    | 7                         | 1 610               | 55 701             | 1 258               | 2 431         | 31 738                | 135 808                           | 94 490                             | 223 164                              | 8 699           |
| 313230                   | Nonwoven fabric mills .....   | —                               | 15    | 7                         | 1 610               | 55 701             | 1 258               | 2 431         | 31 738                | 135 808                           | 94 490                             | 223 164                              | 8 699           |
| 31324                    | Knit fabric mills .....   | 6                               | 15    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 453           |
| 313241                   | Weft knit fabric mills .....  | 5                               | 7     | 2                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 258             |
| 313249                   | Other knit fabric and lace mills .....                              | 6                               | 8     | 8                         | 578                 | 14 532             | 464                 | 897           | 10 028                | 47 542                            | 32 934                             | 81 359                               | 1 195           |
| 3133                     | Textile and fabric finishing and fabric coating mills .....         | 5                               | 67    | 23                        | 1 924               | 59 574             | 1 562               | 3 175         | 42 304                | 194 862                           | 212 454                            | 406 894                              | 4 664           |
| 31331                    | Textile and fabric finishing mills .....                            | 5                               | 56    | 19                        | 1 673               | 51 161             | 1 388               | 2 883         | 38 138                | 175 325                           | 188 846                            | 363 822                              | 4 452           |
| 313311                   | Broadwoven fabric finishing mills .....                             | 4                               | 36    | 8                         | 806                 | 24 507             | 686                 | 1 326         | 17 866                | 65 793                            | 98 307                             | 163 533                              | 2 229           |
| 313312                   | Textile and fabric finishing (except broadwoven fabric) mills ..... | 6                               | 20    | 11                        | 867                 | 26 654             | 702                 | 1 557         | 20 272                | 109 532                           | 90 539                             | 200 289                              | 2 223           |
| 31332                    | Fabric coating mills .....  | 2                               | 11    | 4                         | 251                 | 8 413              | 174                 | 292           | 4 166                 | 19 537                            | 23 608                             | 43 072                               | 212             |
| 313320                   | Fabric coating mills .....  | 2                               | 11    | 4                         | 251                 | 8 413              | 174                 | 292           | 4 166                 | 19 537                            | 23 608                             | 43 072                               | 212             |

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| NAICS code               | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 314                      | Textile product mills .....   | —              | '276                            | '57                       | '7 809              | '230 470          | '5 992              | '11 564       | '145 848        | '501 133              | '699 549                          | '1 207 507                         | '19 950                              |
| 3141                     | Textile furnishings mills .....   | —              | 116                             | 24                        | 4 932               | 153 840           | 3 865               | 7 589         | 101 735         | 378 137               | 510 555                           | 900 459                            | 13 911                               |
| 31411                    | Carpet and rug mills .....  | —              | 8                               | 5                         | 2 219               | 87 739            | 1 653               | 3 347         | 60 975          | 206 800               | 307 805                           | 513 725                            | 8 149                                |
| 314110                   | Carpet and rug mills .....  | —              | 8                               | 5                         | 2 219               | 87 739            | 1 653               | 3 347         | 60 975          | 206 800               | 307 805                           | 513 725                            | 8 149                                |
| 31412                    | Curtain and linen mills .....   | —              | 108                             | 19                        | 2 713               | 66 101            | 2 212               | 4 242         | 40 760          | 171 337               | 202 750                           | 386 734                            | 5 762                                |
| 314121                   | Curtain and drapery mills .....   | 2              | 76                              | 6                         | 658                 | 14 171            | 501                 | 901           | 8 018           | 29 876                | 23 616                            | 53 435                             | 511                                  |
| 314129                   | Other household textile product mills .....   | —              | 32                              | 13                        | 2 055               | 51 930            | 1 711               | 3 341         | 32 742          | 141 461               | 179 134                           | 333 299                            | 5 251                                |
| 3149                     | Other textile product mills .....   | 3              | '160                            | '33                       | '2 877              | '76 630           | '2 127              | '3 975        | '44 113         | '122 996              | '188 994                          | '307 048                           | '6 039                               |
| 31491                    | Textile bag and canvas mills .....  | 3              | '65                             | '8                        | '662                | '18 180           | '481                | '859          | '10 835         | '32 238               | '24 689                           | '56 388                            | '2 687                               |
| 314911                   | Textile bag mills .....   | 1              | 5                               | 2                         | 174                 | 4 681             | 133                 | 263           | 2 724           | 9 989                 | 7 447                             | 17 377                             | 165                                  |
| 314912                   | Canvas and related product mills .....  | '4             | '60                             | '6                        | '488                | '13 499           | '348                | '596          | '8 111          | '22 249               | '17 242                           | '39 011                            | '2 522                               |
| 31499                    | All other textile product mills .....   | 3              | 95                              | 25                        | 2 215               | 58 450            | 1 646               | 3 116         | 33 278          | 90 758                | 164 305                           | 250 660                            | 3 352                                |
| 314991                   | Rope, cordage, and twine mills .....  | 1              | 9                               | 4                         | 373                 | 14 473            | 196                 | 358           | 5 072           | 4 226                 | 73 625                            | 76 547                             | 700                                  |
| 314999                   | All other miscellaneous textile product mills .....                                       | 3              | 86                              | 21                        | 1 842               | 43 977            | 1 450               | 2 758         | 28 206          | 86 532                | 90 680                            | 174 113                            | 2 652                                |
| 315                      | Apparel manufacturing .....   | 1              | 563                             | 192                       | 19 978              | 451 601           | 15 872              | 29 146        | 286 055         | 1 744 471             | 2 103 602                         | 3 907 694                          | 40 241                               |
| 3151                     | Apparel knitting mills .....  | —              | 47                              | 22                        | 2 088               | 50 467            | 1 772               | 3 499         | 36 896          | 139 099               | 121 530                           | 287 399                            | 7 088                                |
| 31511                    | Hosiery and sock mills .....  | 1              | 14                              | 5                         | 282                 | 8 904             | 223                 | 457           | 5 800           | 36 458                | 16 584                            | 53 077                             | 308                                  |
| 315119                   | Other hosiery and sock mills .....  | —              | 9                               | 4                         | 241                 | 8 161             | 185                 | 384           | 5 153           | 35 208                | 15 112                            | 50 319                             | 248                                  |
| 31519                    | Other apparel knitting mills .....  | —              | 33                              | 17                        | 1 806               | 41 563            | 1 549               | 3 042         | 31 096          | 102 641               | 104 946                           | 234 322                            | 6 780                                |
| 315191                   | Outerwear knitting mills .....  | 1              | 27                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315192                   | Underwear and nightwear knitting mills .....  | —              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152                     | Cut and sew apparel manufacturing .....   | 1              | 445                             | 154                       | 15 877              | 350 180           | 12 625              | 23 017        | 218 113         | 1 510 858             | 1 861 907                         | 3 399 711                          | 30 345                               |
| 31521                    | Cut and sew apparel contractors .....   | 6              | 267                             | 67                        | 5 448               | 86 338            | 4 867               | 8 593         | 70 696          | 228 744               | 29 460                            | 252 497                            | 2 019                                |
| 315211                   | Men's and boys' cut and sew apparel contractors .....                                     | 7              | 59                              | 16                        | 2 090               | 31 826            | 1 850               | 3 015         | 26 393          | 71 705                | 8 412                             | 74 428                             | 518                                  |
| 315212                   | Women's, girls', and infants' cut and sew apparel contractors .....                       | 6              | 208                             | 51                        | 3 358               | 54 512            | 3 017               | 5 578         | 44 303          | 157 039               | 21 048                            | 178 069                            | 1 501                                |
| 31522                    | Men's and boys' cut and sew apparel manufacturing .....                                   | 2              | 66                              | 35                        | 3 216               | 69 530            | 2 544               | 4 734         | 46 547          | 186 931               | 263 282                           | 437 539                            | 8 122                                |
| 315222                   | Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....                  | —              | 14                              | 6                         | 969                 | 24 655            | 634                 | 1 160         | 11 064          | 36 080                | 50 883                            | 86 181                             | 597                                  |
| 315223                   | Men's and boys' cut and sew shirt (except work shirt) manufacturing .....                 | 2              | 17                              | 11                        | 1 156               | 23 675            | 983                 | 1 811         | 19 012          | 97 632                | 155 161                           | 237 457                            | 6 787                                |
| 315224                   | Men's and boys' cut and sew trouser, slack, and jean manufacturing .....                  | 8              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315225                   | Men's and boys' cut and sew work clothing manufacturing .....                             | 2              | 8                               | 5                         | 268                 | 4 945             | 233                 | 496           | 4 130           | 10 627                | 11 163                            | 25 274                             | 140                                  |
| 315228                   | Men's and boys' cut and sew other outerwear manufacturing .....                           | 2              | 18                              | 9                         | 481                 | 9 176             | 375                 | 694           | 6 291           | 21 093                | 21 569                            | 42 568                             | D                                    |
| 31523                    | Women's and girls' cut and sew apparel manufacturing .....                                | —              | 75                              | 37                        | 5 320               | 153 986           | 3 691               | 6 705         | 74 607          | 1 014 901             | 1 531 336                         | 2 591 332                          | 19 155                               |
| 315231                   | Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....    | 5              | 13                              | 9                         | 820                 | 13 440            | 668                 | 1 272         | 9 953           | 22 853                | 46 159                            | 73 113                             | D                                    |
| 315232                   | Women's and girls' cut and sew blouse and shirt manufacturing .....                       | —              | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315233                   | Women's and girls' cut and sew dress manufacturing .....                                  | —              | 14                              | 5                         | 820                 | 35 707            | 339                 | 622           | 10 708          | 108 756               | 142 135                           | 259 556                            | 1 695                                |
| 315234                   | Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing ..... | 6              | 8                               | 3                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 116                                  |
| 315239                   | Women's and girls' cut and sew other outerwear manufacturing .....                        | —              | 31                              | 17                        | 2 588               | 64 943            | 2 016               | 3 518         | 39 756          | 844 580               | 1 121 545                         | 1 989 991                          | 14 438                               |
| 31529                    | Other cut and sew apparel manufacturing .....   | 3              | 37                              | 15                        | 1 893               | 40 326            | 1 523               | 2 985         | 26 263          | 80 282                | 37 829                            | 118 343                            | 1 049                                |
| 315299                   | All other cut and sew apparel manufacturing .....   | 3              | 33                              | 15                        | 1 864               | 39 790            | 1 506               | 2 955         | 26 033          | 79 403                | 36 715                            | 116 379                            | 1 040                                |
| 3159                     | Apparel accessories and other apparel manufacturing .....                                 | 4              | 71                              | 16                        | 2 013               | 50 954            | 1 475               | 2 630         | 31 046          | 94 514                | 120 165                           | 220 584                            | 2 808                                |
| 31599                    | Apparel accessories and other apparel manufacturing .....                                 | 4              | 71                              | 16                        | 2 013               | 50 954            | 1 475               | 2 630         | 31 046          | 94 514                | 120 165                           | 220 584                            | 2 808                                |
| 315991                   | Hat, cap, and millinery manufacturing .....   | 1              | 14                              | 7                         | 925                 | 25 364            | 721                 | 1 224         | 14 899          | 57 558                | 39 542                            | 92 904                             | D                                    |
| 315992                   | Glove and mitten manufacturing .....  | 3              | 4                               | 1                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315999                   | Other apparel accessories and other apparel manufacturing .....                           | 6              | 52                              | 8                         | 948                 | 23 344            | 657                 | 1 283         | 14 499          | 32 421                | 74 656                            | 117 793                            | D                                    |

**Table 1. Industry Statistics for the State: 2002—Con.**

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| NAICS code               | Geographic area and industry                                     | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|--------------------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                          |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>PENNSYLVANIA—Con.</b> |  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 316                      | Leather and allied product manufacturing .....                   | —                               | 54    | 16                        | 2 662               | 70 151             | 2 166               | 4 311         | 50 235                | 234 869                           | 142 875                            | 391 203                              | 5 683           |
| 3161                     | Leather and hide tanning and finishing .....                     | —                               | 15    | 6                         | 1 364               | 41 025             | 1 130               | 2 389         | 32 428                | 180 458                           | 86 130                             | 283 356                              | 2 469           |
| 31611                    | Leather and hide tanning and finishing .....                     | —                               | 15    | 6                         | 1 364               | 41 025             | 1 130               | 2 389         | 32 428                | 180 458                           | 86 130                             | 283 356                              | 2 469           |
| 316110                   | Leather and hide tanning and finishing .....                     | —                               | 15    | 6                         | 1 364               | 41 025             | 1 130               | 2 389         | 32 428                | 180 458                           | 86 130                             | 283 356                              | 2 469           |
| 3162                     | Footwear manufacturing .....                                     | 1                               | 17    | 6                         | 1 061               | 23 076             | 849                 | 1 574         | 14 279                | 39 343                            | 48 582                             | 84 643                               | 3 083           |
| 31621                    | Footwear manufacturing .....                                     | 1                               | 17    | 6                         | 1 061               | 23 076             | 849                 | 1 574         | 14 279                | 39 343                            | 48 582                             | 84 643                               | 3 083           |
| 316211                   | Rubber and plastics footwear manufacturing .....                 | —                               | 4     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 316213                   | Men's footwear (except athletic) manufacturing .....             | —                               | 4     | 1                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 316219                   | Other footwear manufacturing .....                               | 6                               | 7     | 4                         | 305                 | 4 538              | 208                 | 387           | 2 549                 | 7 314                             | 5 580                              | 13 443                               | D               |
| 3169                     | Other leather and allied product manufacturing .....             | 3                               | 22    | 4                         | 237                 | 6 050              | 187                 | 348           | 3 528                 | 15 068                            | 8 163                              | 23 204                               | 131             |
| 31699                    | Other leather and allied product manufacturing .....             | 3                               | 22    | 4                         | 237                 | 6 050              | 187                 | 348           | 3 528                 | 15 068                            | 8 163                              | 23 204                               | 131             |
| 316999                   | All other leather goods manufacturing .....                      | 4                               | 14    | 3                         | 156                 | 3 491              | 133                 | 238           | 2 382                 | 9 456                             | 5 929                              | 15 249                               | 44              |
| 321                      | Wood product manufacturing .....                                 | 2                               | 1 027 | 267                       | 26 917              | 780 252            | 21 949              | 43 366        | 545 232               | 1 729 324                         | 2 373 541                          | 4 096 795                            | 121 312         |
| 3211                     | Sawmills and wood preservation .....                             | 3                               | 309   | 48                        | 4 218               | 127 177            | 3 600               | 7 444         | 97 960                | 287 018                           | 648 547                            | 932 614                              | 30 402          |
| 32111                    | Sawmills and wood preservation .....                             | 3                               | 309   | 48                        | 4 218               | 127 177            | 3 600               | 7 444         | 97 960                | 287 018                           | 648 547                            | 932 614                              | 30 402          |
| 321113                   | Sawmills .....   | 3                               | 291   | 42                        | 3 957               | 119 312            | 3 386               | 6 996         | 92 136                | 257 024                           | 520 964                            | 775 101                              | 28 811          |
| 321114                   | Wood preservation .....  | —                               | 18    | 6                         | 261                 | 7 865              | 214                 | 448           | 5 824                 | 29 994                            | 127 583                            | 157 513                              | 1 591           |
| 3212                     | Veneer, plywood, and engineered wood product manufacturing ..... | 2                               | 66    | 31                        | 2 599               | 78 906             | 2 060               | 3 971         | 53 141                | 164 511                           | 173 244                            | 334 072                              | 13 220          |
| 32121                    | Veneer, plywood, and engineered wood product manufacturing ..... | 2                               | 66    | 31                        | 2 599               | 78 906             | 2 060               | 3 971         | 53 141                | 164 511                           | 173 244                            | 334 072                              | 13 220          |
| 321211                   | Hardwood veneer and plywood manufacturing .....                  | 3                               | 10    | 6                         | 666                 | 16 364             | 592                 | 1 175         | 12 864                | 33 313                            | 35 879                             | 68 523                               | 1 451           |
| 321213                   | Engineered wood member (except truss) manufacturing .....        | 1                               | 5     | 2                         | c                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 321214                   | Truss manufacturing .....  | 2                               | 39    | 17                        | 1 252               | 35 846             | 913                 | 1 679         | 20 841                | 74 541                            | 61 641                             | 135 560                              | 4 674           |
| 321219                   | Reconstituted wood product manufacturing .....                   | 1                               | 10    | 5                         | 508                 | 18 114             | 420                 | 844           | 13 658                | 44 108                            | 43 393                             | 84 485                               | D               |
| 3219                     | Other wood product manufacturing .....                           | 1                               | 652   | 188                       | 20 100              | 574 169            | 16 289              | 31 951        | 394 131               | 1 277 795                         | 1 551 750                          | 2 830 109                            | 77 690          |
| 32191                    | Millwork .....   | 2                               | 236   | 70                        | 7 484               | 214 052            | 6 205               | 12 530        | 152 601               | 470 249                           | 646 742                            | 1 119 502                            | 48 350          |
| 321911                   | Wood window and door manufacturing .....                         | 2                               | 61    | 25                        | 3 713               | 110 238            | 2 945               | 6 067         | 73 241                | 259 733                           | 291 136                            | 549 960                              | 38 047          |
| 321912                   | Cut stock, resawing lumber, and planing .....                    | 1                               | 67    | 21                        | 2 529               | 69 871             | 2 227               | 4 498         | 55 082                | 140 998                           | 267 240                            | 412 671                              | 7 457           |
| 321918                   | Other millwork (including flooring) .....                        | 4                               | 108   | 24                        | 1 242               | 33 943             | 1 033               | 1 965         | 24 278                | 69 518                            | 88 366                             | 156 871                              | 2 846           |
| 32192                    | Wood container and pallet manufacturing .....                    | 2                               | 193   | 39                        | 2 608               | 60 058             | 2 208               | 4 281         | 45 309                | 123 719                           | 148 820                            | 271 729                              | 8 234           |
| 321920                   | Wood container and pallet manufacturing .....                    | 2                               | 193   | 39                        | 2 608               | 60 058             | 2 208               | 4 281         | 45 309                | 123 719                           | 148 820                            | 271 729                              | 8 234           |
| 32199                    | All other wood product manufacturing .....                       | —                               | 223   | 79                        | 10 008              | 300 059            | 7 876               | 15 140        | 196 221               | 683 827                           | 756 188                            | 1 438 878                            | 21 106          |
| 321991                   | Manufactured home (mobile home) manufacturing .....              | —                               | 20    | 18                        | 3 309               | 104 395            | 2 631               | 4 966         | 69 180                | 235 749                           | 289 233                            | 523 425                              | 2 951           |
| 321992                   | Prefabricated wood building manufacturing .....                  | —                               | 68    | 35                        | 4 864               | 145 927            | 3 854               | 7 454         | 93 092                | 312 563                           | 348 477                            | 661 219                              | 10 514          |
| 321999                   | All other miscellaneous wood product manufacturing .....         | 3                               | 135   | 26                        | 1 835               | 49 737             | 1 391               | 2 720         | 33 949                | 135 515                           | 118 478                            | 254 234                              | 7 641           |
| 322                      | Paper manufacturing .....  | —                               | 295   | 206                       | 27 551              | 1 218 609          | 20 600              | 43 274        | 803 988               | 4 903 875                         | 4 306 117                          | 9 267 896                            | 297 026         |
| 3221                     | Pulp, paper, and paperboard mills .....                          | —                               | 24    | 21                        | 6 862               | 388 246            | 5 317               | 11 239        | 293 192               | 2 438 992                         | 1 413 949                          | 3 912 967                            | 149 508         |
| 32212                    | Paper mills .....  | —                               | 16    | 13                        | 6 013               | 345 413            | 4 643               | 9 740         | 261 401               | 2 284 677                         | 1 256 196                          | 3 600 835                            | 137 645         |
| 322121                   | Paper (except newsprint) mills .....                             | —                               | 16    | 13                        | 6 013               | 345 413            | 4 643               | 9 740         | 261 401               | 2 284 677                         | 1 256 196                          | 3 600 835                            | 137 645         |
| 32213                    | Paperboard mills .....   | 2                               | 8     | 8                         | 849                 | 42 833             | 674                 | 1 499         | 31 791                | 154 315                           | 157 753                            | 312 132                              | 11 863          |
| 322130                   | Paperboard mills .....   | 2                               | 8     | 8                         | 849                 | 42 833             | 674                 | 1 499         | 31 791                | 154 315                           | 157 753                            | 312 132                              | 11 863          |
| 3222                     | Converted paper product manufacturing .....                      | —                               | 271   | 185                       | 20 689              | 830 363            | 15 283              | 32 035        | 510 796               | 2 464 883                         | 2 892 168                          | 5 354 929                            | 147 518         |
| 32221                    | Paperboard container manufacturing .....                         | —                               | 154   | 113                       | 9 852               | 388 122            | 7 367               | 15 418        | 232 515               | 946 801                           | 1 255 499                          | 2 203 939                            | 73 929          |
| 322211                   | Corrugated and solid fiber box manufacturing .....               | —                               | 99    | 76                        | 7 329               | 302 911            | 5 289               | 11 145        | 170 774               | 724 423                           | 1 036 453                          | 1 759 196                            | 57 724          |
| 322212                   | Folding paperboard box manufacturing .....                       | 2                               | 31    | 17                        | 1 180               | 44 119             | 960                 | 2 022         | 31 470                | 108 921                           | 116 089                            | 225 701                              | 9 104           |
| 322213                   | Setup paperboard box manufacturing .....                         | —                               | 10    | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 5 222           |
| 322214                   | Fiber can, tube, drum, and similar products manufacturing .....  | —                               | 12    | 10                        | 497                 | 16 815             | 393                 | 813           | 11 803                | 52 901                            | 46 502                             | 98 947                               | D               |
| 322215                   | Nonfolding sanitary food container manufacturing .....           | —                               | 2     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

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| NAICS code               | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322                      | Paper manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3222                     | Converted paper product manufacturing—Con.                                  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32222                    | Paper bag and coated and treated paper manufacturing . . .                  | 2  | 38                              | 26                        | 3 641               | 165 207           | 2 427               | 5 165         | 96 803          | 517 102               | 534 533                           | 1 046 061                          | 27 471                               |
| 322222                   | Coated and laminated paper manufacturing . . . . .                          | 2  | 23                              | 18                        | 2 634               | 124 220           | 1 688               | 3 548         | 69 570          | 411 173               | 393 190                           | 805 524                            | 19 252                               |
| 322223                   | Plastics, foil, and coated paper bag manufacturing . . . . .                | —  | 3                               | 3                         | 416                 | 17 538            | 296                 | 655           | 11 504          | 53 030                | 54 522                            | 101 953                            | D                                    |
| 322224                   | Uncoated paper and multiwall bag manufacturing . . . . .                    | —  | 4                               | 2                         | 288                 | 12 583            | 208                 | 485           | 7 316           | 23 661                | 25 826                            | 48 939                             | D                                    |
| 322225                   | Laminated aluminum foil manufacturing for flexible packaging uses . . . . . | 9  | 1                               | 1                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223                    | Stationery product manufacturing . . . . .                                  | —  | 38                              | 20                        | 3 657               | 124 217           | 2 861               | 5 641         | 87 318          | 343 716               | 486 864                           | 834 811                            | 10 375                               |
| 322231                   | Die-cut paper and paperboard office supplies manufacturing . . . . .        | —  | 19                              | 8                         | 420                 | 13 468            | 314                 | 629           | 8 881           | 27 761                | 162 052                           | 192 293                            | 841                                  |
| 322232                   | Envelope manufacturing . . . . .  | —  | 10                              | 9                         | 2 332               | 82 730            | 1 822               | 3 680         | 58 927          | 180 307               | 237 757                           | 414 428                            | 7 093                                |
| 322233                   | Stationery, tablet, and related product manufacturing . . . . .             | —  | 9                               | 3                         | 905                 | 28 019            | 725                 | 1 332         | 19 510          | 135 648               | 87 055                            | 228 090                            | 2 441                                |
| 32229                    | Other converted paper product manufacturing . . . . .                       | —  | 41                              | 26                        | 3 539               | 152 817           | 2 628               | 5 811         | 94 160          | 657 264               | 615 272                           | 1 270 118                          | 35 743                               |
| 322291                   | Sanitary paper product manufacturing . . . . .                              | —  | 8                               | 7                         | 1 981               | 100 672           | 1 467               | 3 392         | 63 228          | 511 876               | 424 203                           | 933 086                            | 32 234                               |
| 322299                   | All other converted paper product manufacturing . . . . .                   | —  | 33                              | 19                        | 1 558               | 52 145            | 1 161               | 2 419         | 30 932          | 145 388               | 191 069                           | 337 032                            | 3 509                                |
| 323                      | Printing and related support activities . . . . .                           | 1  | '1 624                          | '394                      | '45 391             | '1 595 513        | '33 537             | '62 843       | '1 044 000      | '3 727 704            | '2 349 933                        | '6 092 158                         | '198 286                             |
| 3231                     | Printing and related support activities . . . . .                           | 1  | '1 624                          | '394                      | '45 391             | '1 595 513        | '33 537             | '62 843       | '1 044 000      | '3 727 704            | '2 349 933                        | '6 092 158                         | '198 286                             |
| 32311                    | Printing . . . . .  | 1  | '1 493                          | '361                      | '41 790             | '1 465 573        | '30 587             | '57 321       | '953 001        | '3 476 841            | '2 284 476                        | '5 775 670                         | '187 638                             |
| 323110                   | Commercial lithographic printing . . . . .                                  | 1  | '728                            | '211                      | '26 269             | '960 472          | '19 338             | '35 687       | '633 640        | '2 227 862            | '1 338 230                        | '3 565 555                         | '123 193                             |
| 323111                   | Commercial gravure printing . . . . .                                       | —  | 20                              | 8                         | 923                 | 37 190            | 757                 | 1 540         | 28 867          | 107 225               | 133 006                           | 240 114                            | 10 759                               |
| 323112                   | Commercial flexographic printing . . . . .                                  | —  | 38                              | 13                        | 1 374               | 58 679            | 876                 | 1 844         | 29 191          | 137 528               | 137 940                           | 276 157                            | 6 574                                |
| 323113                   | Commercial screen printing . . . . .  | 4  | 188                             | 32                        | 2 327               | 63 510            | 1 683               | 3 028         | 34 933          | 128 404               | 101 276                           | 230 618                            | 9 712                                |
| 323114                   | Quick printing . . . . .  | 4  | 284                             | 20                        | 1 773               | 50 327            | 1 195               | 2 069         | 29 679          | 109 701               | 46 426                            | 156 127                            | 8 177                                |
| 323115                   | Digital printing . . . . .  | 2  | '44                             | 13                        | '672                | '21 709           | '398                | '617          | '11 367         | '47 576               | '22 231                           | '69 384                            | '3 292                               |
| 323116                   | Manifold business forms printing . . . . .                                  | 2  | 41                              | 28                        | 2 622               | 83 676            | 2 003               | 4 109         | 59 611          | 285 666               | 281 519                           | 573 554                            | 8 456                                |
| 323117                   | Books printing . . . . .  | —  | 25                              | 11                        | 3 649               | 117 751           | 2 931               | 5 767         | 84 418          | 297 786               | 128 124                           | 427 319                            | 11 291                               |
| 323118                   | Blankbook, looseleaf binders, and devices manufacturing . . . . .           | —  | 8                               | 7                         | 910                 | 29 343            | 529                 | 1 072         | 16 524          | 46 050                | 34 064                            | 86 646                             | 721                                  |
| 323119                   | Other commercial printing . . . . .   | 3  | '117                            | 18                        | '1 271              | '42 916           | '877                | '1 588        | '24 771         | '89 043               | '61 680                           | '150 196                           | '5 463                               |
| 32312                    | Support activities for printing . . . . .                                   | 1  | 131                             | 33                        | 3 601               | 129 940           | 2 950               | 5 522         | 90 999          | 250 863               | 65 457                            | 316 488                            | 10 648                               |
| 323121                   | Tradebinding and related work . . . . .                                     | —  | 46                              | 16                        | 1 022               | 34 116            | 821                 | 1 536         | 22 152          | 67 057                | 15 877                            | 84 150                             | 3 619                                |
| 323122                   | Prepress services . . . . .   | 1  | 85                              | 17                        | 2 579               | 95 824            | 2 129               | 3 986         | 68 847          | 183 806               | 49 580                            | 232 338                            | 7 029                                |
| 324                      | Petroleum and coal products manufacturing . . . . .                         | —  | 165                             | 44                        | 6 406               | 350 199           | 4 243               | 8 790         | 218 016         | 2 169 553             | 10 008 783                        | 12 086 103                         | 130 775                              |
| 3241                     | Petroleum and coal products manufacturing . . . . .                         | —  | 165                             | 44                        | 6 406               | 350 199           | 4 243               | 8 790         | 218 016         | 2 169 553             | 10 008 783                        | 12 086 103                         | 130 775                              |
| 32411                    | Petroleum refineries . . . . .  | —  | 9                               | 8                         | 3 482               | 229 429           | 2 041               | 4 469         | 137 644         | 1 558 499             | 8 887 479                         | 10 360 921                         | 46 315                               |
| 324110                   | Petroleum refineries . . . . .  | —  | 9                               | 8                         | 3 482               | 229 429           | 2 041               | 4 469         | 137 644         | 1 558 499             | 8 887 479                         | 10 360 921                         | 46 315                               |
| 32412                    | Asphalt paving, roofing, and saturated materials manufacturing . . . . .    | —  | 119                             | 16                        | 1 590               | 64 019            | 1 239               | 2 350         | 46 140          | 337 569               | 482 816                           | 812 340                            | 55 886                               |
| 324121                   | Asphalt paving mixture and block manufacturing . . . . .                    | 1  | 106                             | 8                         | 978                 | 37 222            | 756                 | 1 420         | 26 794          | 195 689               | 284 884                           | 478 785                            | 41 018                               |
| 324122                   | Asphalt shingle and coating materials manufacturing . . . . .               | —  | 13                              | 8                         | 612                 | 26 797            | 483                 | 930           | 19 346          | 141 880               | 197 932                           | 333 555                            | 14 868                               |
| 32419                    | Other petroleum and coal products manufacturing . . . . .                   | 1  | 37                              | 20                        | 1 334               | 56 751            | 963                 | 1 971         | 34 232          | 273 485               | 638 488                           | 912 842                            | 28 574                               |
| 324191                   | Petroleum lubricating oil and grease manufacturing . . . . .                | 1  | 26                              | 13                        | 740                 | 32 729            | 509                 | 1 092         | 17 999          | 207 436               | 294 108                           | 500 853                            | 12 047                               |
| 324199                   | All other petroleum and coal products manufacturing . . . . .               | —  | 11                              | 7                         | 594                 | 24 022            | 454                 | 879           | 16 233          | 66 049                | 344 380                           | 411 989                            | 16 527                               |
| 325                      | Chemical manufacturing . . . . .  | —  | '617                            | '263                      | '37 148             | '2 087 335        | '19 726             | '41 003       | '933 418        | '19 006 304           | '11 645 536                       | 30 543 671                         | 820 329                              |
| 3251                     | Basic chemical manufacturing . . . . .                                      | 1  | 114                             | 49                        | 5 997               | 331 197           | 3 735               | 7 742         | 187 947         | 1 591 268             | 1 005 925                         | 2 609 415                          | 102 636                              |
| 32512                    | Industrial gas manufacturing . . . . .                                      | —  | 27                              | 5                         | 461                 | 21 697            | 168                 | 341           | 7 655           | 97 927                | 35 200                            | 130 502                            | 21 416                               |
| 325120                   | Industrial gas manufacturing . . . . .                                      | —  | 27                              | 5                         | 461                 | 21 697            | 168                 | 341           | 7 655           | 97 927                | 35 200                            | 130 502                            | 21 416                               |
| 32513                    | Synthetic dye and pigment manufacturing . . . . .                           | —  | 18                              | 11                        | 1 278               | 65 923            | 712                 | 1 467         | 31 839          | 179 267               | 125 480                           | 306 915                            | 9 362                                |
| 325131                   | Inorganic dye and pigment manufacturing . . . . .                           | —  | 9                               | 7                         | 796                 | 40 885            | 438                 | 867           | 19 738          | 104 178               | 83 935                            | 193 925                            | 5 891                                |
| 325132                   | Synthetic organic dye and pigment manufacturing . . . . .                   | —  | 9                               | 4                         | 482                 | 25 038            | 274                 | 600           | 12 101          | 75 089                | 41 545                            | 112 990                            | 3 471                                |
| 32518                    | Other basic inorganic chemical manufacturing . . . . .                      | 1  | 30                              | 14                        | 1 537               | 89 605            | 1 138               | 2 312         | 63 047          | 499 933               | 275 230                           | 781 580                            | 40 238                               |
| 325188                   | All other basic inorganic chemical manufacturing . . . . .                  | 1  | 30                              | 14                        | 1 537               | 89 605            | 1 138               | 2 312         | 63 047          | 499 933               | 275 230                           | 781 580                            | 40 238                               |
| 32519                    | Other basic organic chemical manufacturing . . . . .                        | 2  | 39                              | 19                        | 2 721               | 153 972           | 1 717               | 3 622         | 85 406          | 814 141               | 570 015                           | 1 390 418                          | 31 620                               |
| 325192                   | Cyclic crude and intermediate manufacturing . . . . .                       | —  | 3                               | 3                         | 767                 | 42 100            | 542                 | 1 182         | 28 763          | 367 329               | 142 279                           | 519 784                            | 8 342                                |
| 325199                   | All other basic organic chemical manufacturing . . . . .                    | 3  | 33                              | 16                        | 1 934               | 111 292           | 1 160               | 2 408         | 56 347          | 444 178               | 425 143                           | 865 381                            | 23 139                               |



**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325                      | Chemical manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3252                     | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing..... | 2  | 47                              | 33                        | 3 971               | 194 461           | 2 466               | 4 641         | 103 983         | 618 220               | 1 077 123                         | 1 696 611                          | 27 994                               |
| 32521                    | Resin and synthetic rubber manufacturing .....  | 2  | 44                              | 33                        | 3 953               | 194 003           | 2 451               | 4 623         | 103 649         | 617 327               | 1 076 249                         | 1 694 844                          | D                                    |
| 325211                   | Plastics material and resin manufacturing .....   | 2  | 39                              | 31                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325212                   | Synthetic rubber manufacturing .....  | —  | 5                               | 2                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3253                     | Pesticide, fertilizer, and other agricultural chemical manufacturing .....                | 2  | 43                              | 10                        | 715                 | 31 004            | 437                 | 785           | 15 757          | 90 928                | 146 429                           | 246 185                            | 10 076                               |
| 32531                    | Fertilizer manufacturing .....  | 1  | 32                              | 8                         | 532                 | 21 401            | 342                 | 646           | 12 037          | 53 376                | 125 131                           | 186 366                            | 8 881                                |
| 325314                   | Fertilizer (mixing only) manufacturing .....  | 1  | 26                              | 6                         | 438                 | 16 768            | 269                 | 511           | 8 596           | 47 887                | 102 973                           | 149 132                            | 5 678                                |
| 32532                    | Pesticide and other agricultural chemical manufacturing .....                             | 4  | 11                              | 2                         | 183                 | 9 603             | 95                  | 139           | 3 720           | 37 552                | 21 298                            | 59 819                             | 1 195                                |
| 325320                   | Pesticide and other agricultural chemical manufacturing .....                             | 4  | 11                              | 2                         | 183                 | 9 603             | 95                  | 139           | 3 720           | 37 552                | 21 298                            | 59 819                             | 1 195                                |
| 3254                     | Pharmaceutical and medicine manufacturing .....   | —  | 69                              | 38                        | 15 788              | 1 043 150         | 6 841               | 15 090        | 400 972         | 14 856 465            | 7 216 736                         | 21 966 111                         | 573 850                              |
| 32541                    | Pharmaceutical and medicine manufacturing .....   | —  | 69                              | 38                        | 15 788              | 1 043 150         | 6 841               | 15 090        | 400 972         | 14 856 465            | 7 216 736                         | 21 966 111                         | 573 850                              |
| 325411                   | Medicinal and botanical manufacturing .....   | —  | 8                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412                   | Pharmaceutical preparation manufacturing .....  | —  | 38                              | 22                        | 11 771              | 778 267           | 5 072               | 11 386        | 298 781         | 13 150 898            | 6 693 787                         | 19 769 603                         | 404 770                              |
| 325413                   | In-vitro diagnostic substance manufacturing .....   | 2  | 7                               | 3                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 825                                  |
| 325414                   | Biological product (except diagnostic) manufacturing ..                                   | —  | 16                              | 11                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255                     | Paint, coating, and adhesive manufacturing .....  | 1  | 93                              | 47                        | 3 970               | 193 827           | 2 043               | 4 267         | 77 244          | 490 033               | 904 543                           | 1 390 922                          | 25 494                               |
| 32551                    | Paint and coating manufacturing .....   | 1  | 72                              | 38                        | 3 220               | 160 078           | 1 582               | 3 265         | 59 654          | 306 922               | 734 880                           | 1 040 329                          | 18 899                               |
| 325510                   | Paint and coating manufacturing .....   | 1  | 72                              | 38                        | 3 220               | 160 078           | 1 582               | 3 265         | 59 654          | 306 922               | 734 880                           | 1 040 329                          | 18 899                               |
| 32552                    | Adhesive manufacturing .....  | —  | 21                              | 9                         | 750                 | 33 749            | 461                 | 1 002         | 17 590          | 183 111               | 169 663                           | 350 593                            | 6 595                                |
| 325520                   | Adhesive manufacturing .....  | —  | 21                              | 9                         | 750                 | 33 749            | 461                 | 1 002         | 17 590          | 183 111               | 169 663                           | 350 593                            | 6 595                                |
| 3256                     | Soap, cleaning compound, and toilet preparation manufacturing ..                          | 2  | 94                              | 32                        | 2 624               | 109 072           | 1 646               | 3 409         | 53 516          | 280 073               | 462 572                           | 750 298                            | 28 836                               |
| 32561                    | Soap and cleaning compound manufacturing .....  | 2  | 70                              | 24                        | 1 918               | 85 810            | 1 208               | 2 459         | 42 817          | 211 296               | 414 373                           | 629 506                            | 21 993                               |
| 325611                   | Soap and other detergent manufacturing .....  | 3  | 38                              | 11                        | 943                 | 43 526            | 581                 | 1 128         | 20 584          | 59 128                | 244 299                           | 302 620                            | 7 977                                |
| 325612                   | Polish and other sanitation good manufacturing .....                                      | 2  | 24                              | 9                         | 653                 | 24 851            | 440                 | 903           | 12 831          | 71 386                | 51 055                            | 122 290                            | 2 538                                |
| 325613                   | Surface active agent manufacturing .....  | 1  | 8                               | 4                         | 322                 | 17 433            | 187                 | 428           | 9 402           | 80 782                | 119 019                           | 204 596                            | 11 478                               |
| 32562                    | Toilet preparation manufacturing .....  | 2  | 24                              | 8                         | 706                 | 23 262            | 438                 | 950           | 10 699          | 68 777                | 48 199                            | 120 792                            | 6 843                                |
| 325620                   | Toilet preparation manufacturing .....  | 2  | 24                              | 8                         | 706                 | 23 262            | 438                 | 950           | 10 699          | 68 777                | 48 199                            | 120 792                            | 6 843                                |
| 3259                     | Other chemical product and preparation manufacturing .....                                | 2  | 157                             | 54                        | 4 083               | 184 624           | 2 558               | 5 069         | 93 999          | 1 079 317             | 832 208                           | 1 884 129                          | 51 443                               |
| 32591                    | Printing ink manufacturing .....  | 3  | 21                              | 6                         | 338                 | 15 043            | 192                 | 423           | 7 611           | 60 187                | 58 410                            | 118 675                            | D                                    |
| 325910                   | Printing ink manufacturing .....  | 3  | 21                              | 6                         | 338                 | 15 043            | 192                 | 423           | 7 611           | 60 187                | 58 410                            | 118 675                            | D                                    |
| 32599                    | All other chemical product and preparation manufacturing ..                               | 2  | 131                             | 47                        | 3 684               | 167 138           | 2 317               | 4 551         | 85 000          | 1 014 115             | 769 295                           | 1 755 936                          | 48 622                               |
| 325991                   | Custom compounding of purchased resins .....  | 4  | 44                              | 18                        | 1 115               | 46 888            | 756                 | 1 540         | 25 599          | 168 144               | 310 868                           | 473 996                            | D                                    |
| 325992                   | Photographic film, paper, plate, and chemical manufacturing .....                         | —  | 20                              | 3                         | 709                 | 38 268            | 456                 | 905           | 20 623          | 271 416               | 106 166                           | 359 253                            | D                                    |
| 325998                   | All other miscellaneous chemical product and preparation manufacturing ..                 | 2  | 67                              | 26                        | 1 860               | 81 982            | 1 105               | 2 106         | 38 778          | 574 555               | 352 261                           | 922 687                            | 27 346                               |
| 326                      | Plastics and rubber products manufacturing .....  | 1  | 698                             | 405                       | 49 486              | 1 613 644         | 38 933              | 78 821        | 1 090 362       | 4 640 470             | 4 187 035                         | 8 796 921                          | 390 806                              |
| 3261                     | Plastics product manufacturing ..   | 1  | 605                             | 367                       | 45 154              | 1 464 024         | 35 887              | 72 776        | 996 886         | 4 230 780             | 3 803 508                         | 8 003 281                          | 365 929                              |
| 32611                    | Plastics packaging materials and unlaminated film and sheet manufacturing .....           | 2  | 91                              | 48                        | 5 883               | 220 593           | 4 644               | 9 776         | 156 341         | 659 061               | 697 634                           | 1 357 110                          | 79 790                               |
| 326111                   | Plastics bag manufacturing ..   | 2  | 22                              | 10                        | 1 561               | 43 588            | 1 290               | 2 616         | 34 541          | 143 019               | 146 058                           | 287 854                            | 17 756                               |
| 326112                   | Plastics packaging film and sheet (including laminated) manufacturing .....               | 3  | 11                              | 10                        | 1 549               | 64 285            | 1 273               | 2 776         | 47 697          | 153 801               | 156 678                           | 312 857                            | 15 921                               |
| 326113                   | Unlaminated plastics film and sheet (except packaging) manufacturing .....                | 1  | 58                              | 28                        | 2 773               | 112 720           | 2 081               | 4 384         | 74 103          | 362 241               | 394 898                           | 756 399                            | 46 113                               |
| 32612                    | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....            | 1  | 55                              | 34                        | 2 885               | 91 510            | 2 385               | 4 910         | 65 594          | 276 265               | 375 736                           | 646 584                            | 26 490                               |
| 326121                   | Unlaminated plastics profile shape manufacturing .....                                    | 2  | 39                              | 23                        | 1 934               | 60 899            | 1 607               | 3 393         | 43 565          | 135 949               | 175 731                           | 307 520                            | 17 927                               |
| 326122                   | Plastics pipe and pipe fitting manufacturing .....  | —  | 16                              | 11                        | 951                 | 30 611            | 778                 | 1 517         | 22 029          | 140 316               | 200 005                           | 339 064                            | 8 563                                |

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[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326                      | Plastics and rubber products manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3261                     | Plastics product manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32613                    | Laminated plastics plate, sheet, (except packaging), and shape manufacturing . . . . . | —  | 11                              | 6                         | 807                 | 29 503            | 539                 | 1 143         | 16 379          | 70 035                | 82 036                            | 151 247                            | 3 186                                |
| 326130                   | Laminated plastics plate, sheet, (except packaging), and shape manufacturing . . . . . | —  | 11                              | 6                         | 807                 | 29 503            | 539                 | 1 143         | 16 379          | 70 035                | 82 036                            | 151 247                            | 3 186                                |
| 32614                    | Polystyrene foam product manufacturing . . . . .                                       | 6  | 19                              | 14                        | 2 511               | 81 580            | 2 203               | 4 347         | 65 608          | 187 264               | 257 510                           | 442 814                            | 32 322                               |
| 326140                   | Polystyrene foam product manufacturing . . . . .                                       | 6  | 19                              | 14                        | 2 511               | 81 580            | 2 203               | 4 347         | 65 608          | 187 264               | 257 510                           | 442 814                            | 32 322                               |
| 32615                    | Urethane and other foam product (except polystyrene) manufacturing . . . . .           | 2  | 32                              | 20                        | 1 375               | 50 173            | 1 015               | 2 043         | 32 624          | 182 895               | 162 903                           | 343 359                            | 8 466                                |
| 326150                   | Urethane and other foam product (except polystyrene) manufacturing . . . . .           | 2  | 32                              | 20                        | 1 375               | 50 173            | 1 015               | 2 043         | 32 624          | 182 895               | 162 903                           | 343 359                            | 8 466                                |
| 32616                    | Plastics bottle manufacturing . . . . .  | 1  | 21                              | 20                        | 2 263               | 77 105            | 1 923               | 3 855         | 60 285          | 325 686               | 308 175                           | 630 302                            | 24 832                               |
| 326160                   | Plastics bottle manufacturing . . . . .  | 1  | 21                              | 20                        | 2 263               | 77 105            | 1 923               | 3 855         | 60 285          | 325 686               | 308 175                           | 630 302                            | 24 832                               |
| 32619                    | Other plastics product manufacturing . . . . .   | 1  | '376                            | '225                      | '29 430             | '913 560          | '23 178             | '46 702       | '600 055        | '2 529 574            | '1 919 514                        | '4 431 865                         | 190 843                              |
| 326191                   | Plastics plumbing fixture manufacturing . . . . .                                      | 1  | 13                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326192                   | Resilient floor covering manufacturing . . . . .                                       | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                   | All other plastics product manufacturing . . . . .                                     | 1  | '361                            | '215                      | '27 516             | '852 934          | '21 723             | '43 926       | '563 833        | '2 200 769            | '1 629 748                        | '3 814 441                         | 172 937                              |
| 3262                     | Rubber product manufacturing . . . . .   | 3  | 93                              | 38                        | 4 332               | 149 620           | 3 046               | 6 045         | 93 476          | 409 690               | 383 527                           | 793 640                            | 24 877                               |
| 32621                    | Tire manufacturing . . . . .   | 1  | 40                              | 12                        | 1 476               | 40 662            | 1 046               | 2 015         | 29 779          | 97 744                | 99 351                            | 197 947                            | 7 477                                |
| 326211                   | Tire manufacturing (except retreading) . . . . .                                       | 1  | 8                               | 3                         | 1 071               | 29 195            | 794                 | 1 521         | 23 303          | 73 577                | 68 785                            | 141 742                            | D                                    |
| 326212                   | Tire retreading . . . . .  | 1  | 32                              | 9                         | 405                 | 11 467            | 252                 | 6 476         | 24 167          | 30 566                | 56 205                            | 56 205                             | D                                    |
| 32622                    | Rubber and plastics hoses and belting manufacturing . . . . .                          | 1  | 8                               | 5                         | 461                 | 16 679            | 296                 | 583           | 8 154           | 45 132                | 20 345                            | 64 692                             | 833                                  |
| 326220                   | Rubber and plastics hoses and belting manufacturing . . . . .                          | 1  | 8                               | 5                         | 461                 | 16 679            | 296                 | 583           | 8 154           | 45 132                | 20 345                            | 64 692                             | 833                                  |
| 32629                    | Other rubber product manufacturing . . . . .   | 4  | 45                              | 21                        | 2 395               | 92 279            | 1 704               | 3 447         | 55 543          | 266 814               | 263 831                           | 531 001                            | 16 567                               |
| 326291                   | Rubber product manufacturing for mechanical use . . . . .                              | —  | 19                              | 7                         | 881                 | 36 077            | 667                 | 1 351         | 24 956          | 113 531               | 63 905                            | 178 381                            | 6 068                                |
| 326299                   | All other rubber product manufacturing . . . . .                                       | 6  | 26                              | 14                        | 1 514               | 56 202            | 1 037               | 2 096         | 30 587          | 153 283               | 199 926                           | 352 620                            | 10 499                               |
| 327                      | Nonmetallic mineral product manufacturing . . . . .                                    | 1  | 817                             | 282                       | 31 098              | 1 154 656         | 23 902              | 48 421        | 806 044         | 3 441 376             | 2 592 142                         | 6 010 449                          | 306 985                              |
| 3271                     | Clay product and refractory manufacturing . . . . .                                    | 1  | '109                            | '46                       | '5 455              | '177 057          | '4 137              | '8 486        | '117 911        | '438 320              | '285 627                          | '713 602                           | '32 753                              |
| 32711                    | Pottery, ceramics, and plumbing fixture manufacturing . . . . .                        | 1  | '58                             | '19                       | '3 192              | '88 442           | '2 351              | '4 968        | '54 884         | '162 153              | '98 115                           | '257 385                           | '4 648                               |
| 327111                   | Vitreous china and earthenware plumbing fixture and accessories mfg . . . . .          | —  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 147                                  |
| 327112                   | Vitreous china, fine earthenware, and other pottery product manufacturing . . . . .    | '5 | '40                             | '10                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '780                                 |
| 327113                   | Porcelain electrical supply manufacturing . . . . .                                    | —  | 14                              | 7                         | 846                 | 28 586            | 645                 | 1 402         | 17 698          | 57 787                | 24 967                            | 81 816                             | 3 721                                |
| 32712                    | Clay building material and refractories manufacturing . . . . .                        | —  | 51                              | 27                        | 2 263               | 88 615            | 1 786               | 3 518         | 63 027          | 276 167               | 187 512                           | 456 217                            | 28 105                               |
| 327121                   | Brick and structural clay tile manufacturing . . . . .                                 | —  | 11                              | 8                         | 580                 | 21 898            | 472                 | 944           | 16 567          | 66 732                | 35 079                            | 96 340                             | D                                    |
| 327122                   | Ceramic wall and floor tile manufacturing . . . . .                                    | —  | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327124                   | Clay refractory manufacturing . . . . .  | 1  | 18                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 479                                |
| 327125                   | Nonclay refractory manufacturing . . . . .   | 1  | 16                              | 9                         | 828                 | 37 417            | 621                 | 1 263         | 25 471          | 123 187               | 92 131                            | 214 363                            | 6 705                                |
| 3272                     | Glass and glass product manufacturing . . . . .  | —  | 118                             | 54                        | 11 053              | 427 161           | 9 005               | 18 228        | 320 518         | 1 268 313             | 1 078 695                         | 2 355 976                          | 121 752                              |
| 32721                    | Glass and glass product manufacturing . . . . .  | —  | 118                             | 54                        | 11 053              | 427 161           | 9 005               | 18 228        | 320 518         | 1 268 313             | 1 078 695                         | 2 355 976                          | 121 752                              |
| 327211                   | Flat glass manufacturing . . . . .   | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212                   | Other pressed and blown glass and glassware manufacturing . . . . .                    | —  | 33                              | 14                        | 4 965               | 192 293           | 4 019               | 8 387         | 145 049         | 444 172               | 283 210                           | 740 369                            | 29 748                               |
| 327213                   | Glass container manufacturing . . . . .  | —  | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215                   | Glass product manufacturing made of purchased glass . . . . .                          | —  | 77                              | 32                        | 3 435               | 115 716           | 2 703               | 5 257         | 79 358          | 410 769               | 531 078                           | 942 658                            | 32 620                               |

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327                      | Nonmetallic mineral product manufacturing—Con.                                       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3273                     | Cement and concrete product manufacturing .....                                      | 1              | '419                            | '134                      | '10 438             | '381 332          | '7 683              | '15 427       | '253 856        | '1 237 407            | '886 152                          | '2 107 150                         | '124 450                             |
| 32731                    | Cement manufacturing .....   | 1              | 20                              | 15                        | 1 666               | 83 433            | 1 258               | 2 628         | 57 756          | 386 484               | 212 532                           | 585 768                            | 47 242                               |
| 327310                   | Cement manufacturing .....   | 1              | 20                              | 15                        | 1 666               | 83 433            | 1 258               | 2 628         | 57 756          | 386 484               | 212 532                           | 585 768                            | 47 242                               |
| 32732                    | Ready-mix concrete manufacturing .....   | 2              | 194                             | 48                        | 2 971               | 100 634           | 2 416               | 4 640         | 76 274          | 284 378               | 302 980                           | 585 190                            | 28 584                               |
| 327320                   | Ready-mix concrete manufacturing .....   | 2              | 194                             | 48                        | 2 971               | 100 634           | 2 416               | 4 640         | 76 274          | 284 378               | 302 980                           | 585 190                            | 28 584                               |
| 32733                    | Concrete pipe, brick, and block manufacturing .....                                  | 2              | 71                              | 28                        | 1 948               | 66 082            | 1 330               | 2 908         | 41 473          | 189 708               | 157 203                           | 343 106                            | 19 298                               |
| 327331                   | Concrete block and brick manufacturing .....   | 3              | 61                              | 20                        | 1 464               | 48 799            | 954                 | 2 071         | 29 207          | 142 544               | 129 109                           | 268 514                            | 15 977                               |
| 327332                   | Concrete pipe manufacturing .....  | —              | 10                              | 8                         | 484                 | 17 283            | 376                 | 837           | 12 266          | 47 164                | 28 094                            | 74 592                             | 3 321                                |
| 32739                    | Other concrete product manufacturing .....   | 1              | '134                            | '43                       | '3 853              | '131 183          | '2 679              | '5 251        | '78 353         | '376 837              | '213 437                          | '593 086                           | '29 326                              |
| 327390                   | Other concrete product manufacturing .....   | 1              | '134                            | '43                       | '3 853              | '131 183          | '2 679              | '5 251        | '78 353         | '376 837              | '213 437                          | '593 086                           | '29 326                              |
| 3274                     | Lime and gypsum product manufacturing .....  | 3              | 14                              | 5                         | 441                 | 18 760            | 347                 | 759           | 13 967          | 78 273                | 71 333                            | 150 234                            | 1 072                                |
| 32741                    | Lime manufacturing .....   | 6              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327410                   | Lime manufacturing .....   | 6              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32742                    | Gypsum product manufacturing .....   | —              | 6                               | 2                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327420                   | Gypsum product manufacturing .....   | —              | 6                               | 2                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3279                     | Other nonmetallic mineral product manufacturing .....                                | 1              | 157                             | 43                        | 3 711               | 150 346           | 2 730               | 5 521         | 99 792          | 419 063               | 270 335                           | 683 487                            | 26 958                               |
| 32791                    | Abrasive product manufacturing .....   | 1              | 20                              | 8                         | 489                 | 20 041            | 341                 | 735           | 12 337          | 51 167                | 31 861                            | 83 259                             | 1 667                                |
| 327910                   | Abrasive product manufacturing .....   | 1              | 20                              | 8                         | 489                 | 20 041            | 341                 | 735           | 12 337          | 51 167                | 31 861                            | 83 259                             | 1 667                                |
| 32799                    | All other nonmetallic mineral product manufacturing .....                            | 1              | 137                             | 35                        | 3 222               | 130 305           | 2 389               | 4 786         | 87 455          | 367 896               | 238 474                           | 600 228                            | 25 291                               |
| 327991                   | Cut stone and stone product manufacturing .....                                      | 2              | 69                              | 13                        | 985                 | 31 545            | 714                 | 1 570         | 20 535          | 86 609                | 46 766                            | 131 200                            | 5 430                                |
| 327992                   | Ground or treated mineral and earth manufacturing .....                              | 3              | 29                              | 6                         | 355                 | 10 985            | 266                 | 491           | 7 175           | 33 370                | 25 532                            | 58 527                             | 3 260                                |
| 327993                   | Mineral wool manufacturing .....   | —              | 18                              | 8                         | 1 189               | 57 906            | 989                 | 2 174         | 46 615          | 173 201               | 115 312                           | 284 247                            | 13 802                               |
| 327999                   | All other miscellaneous nonmetallic mineral product manufacturing .....              | 1              | 21                              | 8                         | 693                 | 29 869            | 420                 | 551           | 13 130          | 74 716                | 50 864                            | 126 254                            | 2 799                                |
| 331                      | Primary metal manufacturing .....  | —              | 426                             | 269                       | '49 950             | '2 201 476        | '38 123             | '75 999       | '1 557 270      | '6 166 143            | '8 085 076                        | '14 285 118                        | '265 872                             |
| 3311                     | Iron and steel mills and ferroalloy manufacturing .....                              | —              | 58                              | 51                        | '20 885             | '1 034 060        | '16 064             | '31 708       | '748 137        | '3 315 907            | '3 873 543                        | '7 217 460                         | '102 583                             |
| 33111                    | Iron and steel mills and ferroalloy manufacturing .....                              | —              | 58                              | 51                        | '20 885             | '1 034 060        | '16 064             | '31 708       | '748 137        | '3 315 907            | '3 873 543                        | '7 217 460                         | '102 583                             |
| 331111                   | Iron and steel mills .....   | —              | 56                              | 50                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331112                   | Electrometallurgical ferroalloy product manufacturing .....                          | —              | 2                               | 1                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312                     | Steel product manufacturing from purchased steel .....                               | '2             | 56                              | 40                        | '5 938              | '266 244          | '4 439              | '9 121        | '189 844        | '653 543              | '1 242 452                        | '1 921 180                         | '37 018                              |
| 33121                    | Iron and steel pipe and tube manufacturing from purchased steel .....                | '5             | '14                             | '12                       | '2 401              | '115 071          | '1 871              | '3 879        | '83 589         | '352 954              | '535 777                          | '901 152                           | '10 200                              |
| 331210                   | Iron and steel pipe and tube manufacturing from purchased steel .....                | '5             | '14                             | '12                       | '2 401              | '115 071          | '1 871              | '3 879        | '83 589         | '352 954              | '535 777                          | '901 152                           | '10 200                              |
| 33122                    | Rolling and drawing of purchased steel .....   | —              | '42                             | '28                       | '3 537              | '151 173          | '2 568              | '5 242        | '106 255        | '300 589              | '706 675                          | '1 020 028                         | '26 818                              |
| 331221                   | Rolled steel shape manufacturing .....   | —              | '23                             | '18                       | '2 164              | '103 492          | '1 552              | '3 122        | '75 183         | '195 864              | '610 796                          | '817 454                           | '18 515                              |
| 331222                   | Steel wire drawing .....   | —              | 19                              | 10                        | 1 373               | 47 681            | 1 016               | 2 120         | 31 072          | 104 725               | 95 879                            | 202 574                            | 8 303                                |
| 3313                     | Alumina and aluminum production and processing .....                                 | 1              | 20                              | 15                        | 3 794               | 160 130           | 2 829               | 5 897         | 106 171         | 403 395               | 926 390                           | 1 334 474                          | 22 594                               |
| 33131                    | Alumina and aluminum production and processing .....                                 | 1              | 20                              | 15                        | 3 794               | 160 130           | 2 829               | 5 897         | 106 171         | 403 395               | 926 390                           | 1 334 474                          | 22 594                               |
| 331314                   | Secondary smelting and alloying of aluminum .....                                    | —              | 6                               | 4                         | 129                 | 5 255             | 78                  | 177           | 2 648           | 16 397                | 124 738                           | 141 849                            | 1 196                                |
| 331315                   | Aluminum sheet, plate, and foil manufacturing .....                                  | —              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331316                   | Aluminum extruded product manufacturing .....  | —              | 6                               | 5                         | 1 848               | 70 436            | 1 423               | 2 917         | 46 930          | 181 126               | 261 344                           | 439 205                            | 8 864                                |
| 331319                   | Other aluminum rolling and drawing .....   | 8              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314                     | Nonferrous metal (except aluminum) production and processing .....                   | 1              | 105                             | 59                        | 8 129               | 357 559           | 5 696               | 11 459        | 229 308         | 984 051               | 1 523 648                         | 2 479 266                          | 66 544                               |
| 33141                    | Nonferrous metal (except aluminum) smelting and refining .....                       | 1              | 17                              | 10                        | 2 200               | 103 696           | 1 361               | 2 830         | 59 294          | 354 808               | 365 689                           | 675 726                            | 31 754                               |
| 331419                   | Primary smelting and refining of nonferrous metal (except copper and aluminum) ..... | 1              | 17                              | 10                        | 2 200               | 103 696           | 1 361               | 2 830         | 59 294          | 354 808               | 365 689                           | 675 726                            | 31 754                               |

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331                      | Primary metal manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3314                     | Nonferrous metal (except aluminum) production and processing—Con.                                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33142                    | Copper rolling, drawing, extruding, and alloying . . . . .  | 1              | 21                              | 18                        | 2 545               | 104 077           | 1 825               | 3 652         | 65 874          | 234 347               | 658 935                           | 893 284                            | 10 097                               |
| 331421                   | Copper rolling, drawing, and extruding . . . . .  | 2              | 16                              | 13                        | 1 980               | 80 944            | 1 431               | 2 872         | 52 390          | 192 093               | 420 405                           | 612 927                            | 5 925                                |
| 331422                   | Copper wire (except mechanical) drawing . . . . .   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331423                   | Secondary smelting, refining, and alloying of copper . . . . .  | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149                    | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying . . . . .     | —              | 67                              | 31                        | 3 384               | 149 786           | 2 510               | 4 977         | 104 140         | 394 896               | 499 024                           | 910 256                            | 24 693                               |
| 331491                   | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding . . . . .               | 1              | 31                              | 15                        | 1 141               | 51 875            | 800                 | 1 690         | 32 529          | 163 177               | 193 796                           | 356 811                            | 12 422                               |
| 331492                   | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) . . . . . | —              | 36                              | 16                        | 2 243               | 97 911            | 1 710               | 3 287         | 71 611          | 231 719               | 305 228                           | 553 445                            | 12 271                               |
| 3315                     | Foundries . . . . .   | 1              | 187                             | 104                       | 11 204              | 383 483           | 9 095               | 17 814        | 283 810         | 809 247               | 519 043                           | 1 332 738                          | 37 133                               |
| 33151                    | Ferrous metal foundries . . . . .   | 2              | 91                              | 55                        | 6 306               | 210 303           | 5 215               | 9 930         | 156 153         | 443 226               | 305 214                           | 754 616                            | 16 471                               |
| 331511                   | Iron foundries . . . . .  | 2              | 53                              | 35                        | 4 459               | 152 440           | 3 718               | 7 093         | 114 297         | 317 794               | 228 856                           | 549 388                            | 12 330                               |
| 331512                   | Steel investment foundries . . . . .  | 1              | 10                              | 7                         | 578                 | 17 602            | 491                 | 946           | 13 611          | 44 521                | 18 085                            | 61 738                             | 1 311                                |
| 331513                   | Steel foundries (except investment) . . . . .   | 1              | 28                              | 13                        | 1 269               | 40 261            | 1 006               | 1 891         | 28 245          | 80 911                | 58 273                            | 143 490                            | 2 830                                |
| 33152                    | Nonferrous metal foundries . . . . .  | 1              | 96                              | 49                        | 4 898               | 173 180           | 3 880               | 7 884         | 127 657         | 366 021               | 213 829                           | 578 122                            | 20 662                               |
| 331521                   | Aluminum die-casting foundries . . . . .  | 1              | 15                              | 8                         | 706                 | 24 257            | 584                 | 1 170         | 18 501          | 54 047                | 39 580                            | 93 884                             | 3 001                                |
| 331522                   | Nonferrous (except aluminum) die-casting foundries . . . . .  | —              | 11                              | 7                         | 1 170               | 40 045            | 866                 | 1 641         | 26 813          | 74 245                | 51 618                            | 126 794                            | 2 065                                |
| 331524                   | Aluminum foundries (except die-casting) . . . . .   | —              | 35                              | 17                        | 1 504               | 48 303            | 1 226               | 2 505         | 36 543          | 110 566               | 45 438                            | 154 376                            | 8 368                                |
| 331525                   | Copper foundries (except die-casting) . . . . .   | 1              | 23                              | 12                        | 906                 | 28 977            | 704                 | 1 465         | 20 229          | 56 716                | 30 681                            | 86 978                             | 3 492                                |
| 331528                   | Other nonferrous foundries (except die-casting) . . . . .   | —              | 12                              | 5                         | 612                 | 31 598            | 500                 | 1 103         | 25 571          | 70 447                | 46 512                            | 116 090                            | 3 736                                |
| 332                      | Fabricated metal product manufacturing . . . . .  | 1              | '3 228                          | '1 011                    | '92 024             | '3 389 165        | '68 246             | '136 459      | '2 148 255      | '7 884 798            | '6 222 247                        | '14 127 141                        | '428 029                             |
| 3321                     | Forging and stamping . . . . .  | 1              | 184                             | 105                       | 11 765              | 416 320           | 8 860               | 17 508        | 266 138         | 893 722               | 762 700                           | 1 666 482                          | 51 547                               |
| 33211                    | Forging and stamping . . . . .  | 1              | 184                             | 105                       | 11 765              | 416 320           | 8 860               | 17 508        | 266 138         | 893 722               | 762 700                           | 1 666 482                          | 51 547                               |
| 332111                   | Iron and steel forging . . . . .  | 1              | 29                              | 17                        | 2 258               | 89 955            | 1 600               | 3 087         | 55 667          | 162 268               | 226 087                           | 394 034                            | 5 565                                |
| 332112                   | Nonferrous forging . . . . .  | —              | 3                               | 1                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332114                   | Custom roll forming . . . . .   | 1              | 26                              | 14                        | 881                 | 32 793            | 647                 | 1 319         | 20 597          | 97 758                | 58 695                            | 154 040                            | 2 994                                |
| 332115                   | Crown and closure manufacturing . . . . .   | 1              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332116                   | Metal stamping . . . . .  | 1              | 81                              | 43                        | 4 311               | 147 689           | 3 150               | 6 134         | 83 051          | 311 200               | 218 762                           | 533 054                            | 18 461                               |
| 332117                   | Powder metallurgy part manufacturing . . . . .  | —              | 39                              | 27                        | 3 772               | 125 367           | 2 983               | 6 013         | 90 264          | 266 647               | 204 553                           | 474 968                            | 22 888                               |
| 3322                     | Cutlery and handtool manufacturing . . . . .  | 1              | '89                             | '29                       | '2 909              | '91 685           | '2 224              | '4 145        | '57 640         | '307 246              | '187 119                          | '492 603                           | '10 422                              |
| 33221                    | Cutlery and handtool manufacturing . . . . .  | 1              | '89                             | '29                       | '2 909              | '91 685           | '2 224              | '4 145        | '57 640         | '307 246              | '187 119                          | '492 603                           | '10 422                              |
| 332211                   | Cutlery and flatware (except precious) manufacturing . . . . .  | 1              | 12                              | 3                         | 532                 | 14 781            | 385                 | 824           | 9 572           | 48 148                | 12 078                            | 58 792                             | 1 638                                |
| 332212                   | Hand and edge tool manufacturing . . . . .  | 1              | 60                              | 20                        | 1 788               | 57 653            | 1 378               | 2 418         | 36 429          | 162 125               | 88 421                            | 255 410                            | 7 288                                |
| 332213                   | Saw blade and handsaw manufacturing . . . . .   | 4              | 11                              | 3                         | 130                 | 5 260             | 88                  | 178           | 2 688           | 15 434                | 9 444                             | 24 539                             | 476                                  |
| 332214                   | Kitchen utensil, pot, and pan manufacturing . . . . .   | —              | '6                              | '3                        | '459                | '13 991           | '373                | '725          | '8 951          | '81 539               | '77 176                           | '153 862                           | '1 020                               |
| 3323                     | Architectural and structural metals manufacturing . . . . .   | 2              | '682                            | '265                      | '23 088             | '851 894          | '16 666             | '33 120       | '521 821        | '1 936 287            | '1 780 453                        | '3 687 992                         | '110 357                             |
| 33231                    | Plate work and fabricated structural product manufacturing . . . . .                                  | 2              | '303                            | '132                      | '10 920             | '428 064          | '7 930              | '16 236       | '268 761        | '958 306              | '805 679                          | '1 713 949                         | '55 370                              |
| 332311                   | Prefabricated metal building and component manufacturing . . . . .                                    | 3              | 26                              | 9                         | 559                 | 18 165            | 376                 | 752           | 9 470           | 54 505                | 59 155                            | 112 253                            | 1 765                                |
| 332312                   | Fabricated structural metal manufacturing . . . . .   | 2              | '185                            | '80                       | '7 689              | '310 694          | '5 601              | '11 498       | '197 085        | '754 775              | '601 903                          | '1 304 345                         | '45 540                              |
| 332313                   | Plate work manufacturing . . . . .  | 3              | '92                             | '43                       | '2 672              | '99 205           | '1 953              | '3 986        | '62 206         | '149 026              | '144 621                          | '297 351                           | '8 065                               |
| 33232                    | Ornamental and architectural metal products manufacturing . . . . .                                   | 1              | 379                             | 133                       | 12 168              | 423 830           | 8 736               | 16 884        | 253 060         | 977 981               | 974 774                           | 1 974 043                          | 54 987                               |
| 332321                   | Metal window and door manufacturing . . . . .   | —              | 61                              | 32                        | 4 763               | 158 177           | 3 473               | 6 426         | 96 039          | 346 159               | 435 656                           | 801 455                            | 14 540                               |
| 332322                   | Sheet metal work manufacturing . . . . .  | 1              | 211                             | 78                        | 5 608               | 197 037           | 4 041               | 7 974         | 119 092         | 455 006               | 394 207                           | 849 297                            | 34 230                               |
| 332323                   | Ornamental and architectural metal work manufacturing . . . . .                                       | 1              | 107                             | 23                        | 1 797               | 68 616            | 1 222               | 2 484         | 37 929          | 176 816               | 144 911                           | 323 291                            | 6 217                                |

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry  | All establishments <sup>2</sup> |        | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|--------------------------|---|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                          |   | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>PENNSYLVANIA—Con.</b> |   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 332                      | Fabricated metal product manufacturing—Con.   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3324                     | Boiler, tank, and shipping container manufacturing .....  | 2                               | '88    | '58                       | '5 268              | '209 322           | '3 877              | '8 112        | '132 193              | '527 232                          | '631 380                           | '1 149 227                           | '26 178         |
| 33241                    | Power boiler and heat exchanger manufacturing ....  | 1                               | 15     | 11                        | 993                 | 36 920             | 649                 | 1 265         | 20 040                | 135 810                           | 86 041                             | 210 598                              | 5 228           |
| 332410                   | Power boiler and heat exchanger manufacturing ..  | 1                               | 15     | 11                        | 993                 | 36 920             | 649                 | 1 265         | 20 040                | 135 810                           | 86 041                             | 210 598                              | 5 228           |
| 33242                    | Metal tank (heavy gauge) manufacturing .....  | 1                               | '38    | '26                       | '2 277              | '90 774            | '1 611              | '3 401        | '54 796               | '201 781                          | '130 924                           | '336 097                             | '8 575          |
| 332420                   | Metal tank (heavy gauge) manufacturing .....  | 1                               | '38    | '26                       | '2 277              | '90 774            | '1 611              | '3 401        | '54 796               | '201 781                          | '130 924                           | '336 097                             | '8 575          |
| 33243                    | Metal can, box, and other metal container (light gauge) manufacturing .....                       | 3                               | 35     | 21                        | 1 998               | 81 628             | 1 617               | 3 446         | 57 357                | 189 641                           | 414 415                            | 602 532                              | 12 375          |
| 332431                   | Metal can manufacturing ....  | 3                               | 12     | 8                         | 879                 | 41 295             | 738                 | 1 602         | 31 388                | 100 973                           | 270 774                            | 370 630                              | 7 744           |
| 332439                   | Other metal container manufacturing .....   | 2                               | 23     | 13                        | 1 119               | 40 333             | 879                 | 1 844         | 25 969                | 88 668                            | 143 641                            | 231 902                              | 4 631           |
| 3325                     | Hardware manufacturing .....  | —                               | 32     | 15                        | 2 498               | 79 803             | 1 899               | 3 808         | 44 784                | 261 012                           | 143 102                            | 405 225                              | 25 698          |
| 33251                    | Hardware manufacturing .....  | —                               | 32     | 15                        | 2 498               | 79 803             | 1 899               | 3 808         | 44 784                | 261 012                           | 143 102                            | 405 225                              | 25 698          |
| 332510                   | Hardware manufacturing .....  | —                               | 32     | 15                        | 2 498               | 79 803             | 1 899               | 3 808         | 44 784                | 261 012                           | 143 102                            | 405 225                              | 25 698          |
| 3326                     | Spring and wire product manufacturing .....   | 1                               | 139    | 50                        | 4 721               | 162 682            | 3 528               | 7 170         | 106 891               | 427 230                           | 342 741                            | 776 129                              | 16 453          |
| 33261                    | Spring and wire product manufacturing .....   | 1                               | 139    | 50                        | 4 721               | 162 682            | 3 528               | 7 170         | 106 891               | 427 230                           | 342 741                            | 776 129                              | 16 453          |
| 332611                   | Spring (heavy gauge) manufacturing .....  | —                               | 14     | 7                         | 864                 | 33 717             | 496                 | 998           | 17 665                | 82 526                            | 88 501                             | 174 720                              | 2 025           |
| 332612                   | Spring (light gauge) manufacturing .....  | —                               | 12     | 7                         | 693                 | 26 834             | 584                 | 1 197         | 21 483                | 71 680                            | 50 301                             | 121 329                              | 1 547           |
| 332618                   | Other fabricated wire product manufacturing .....   | 2                               | 113    | 36                        | 3 164               | 102 131            | 2 448               | 4 975         | 67 743                | 273 024                           | 203 939                            | 480 080                              | 12 881          |
| 3327                     | Machine shops: turned product; and screw, nut, and bolt manufacturing .....                       | 2                               | 1 343  | 272                       | '21 889             | '824 740           | '16 874             | '33 348       | '566 609              | '1 623 657                        | '785 803                           | '2 422 113                           | '99 063         |
| 33271                    | Machine shops .....   | 2                               | '1 156 | '201                      | '14 453             | '535 208           | '10 888             | '21 171       | '355 494              | '1 016 748                        | '472 888                           | '1 490 338                           | 65 875          |
| 332710                   | Machine shops .....   | 2                               | '1 156 | '201                      | '14 453             | '535 208           | '10 888             | '21 171       | '355 494              | '1 016 748                        | '472 888                           | '1 490 338                           | 65 875          |
| 33272                    | Turned product and screw, nut, and bolt manufacturing .....                                       | 2                               | '187   | '71                       | '7 436              | '289 532           | '5 986              | '12 177       | '211 115              | '606 909                          | '312 915                           | '931 775                             | '33 188         |
| 332721                   | Precision turned product manufacturing .....  | 2                               | '137   | '51                       | '4 045              | '144 291           | '3 249              | '6 581        | '103 781              | '277 464                          | '152 917                           | '428 690                             | '22 531         |
| 332722                   | Bolt, nut, screw, rivet, and washer manufacturing .....   | 2                               | 50     | 20                        | 3 391               | 145 241            | 2 737               | 5 596         | 107 334               | 329 445                           | 159 998                            | 503 085                              | 10 657          |
| 3328                     | Coating, engraving, heat treating, and allied activities .....                                    | —                               | 263    | 72                        | 4 828               | 176 064            | 3 640               | 7 079         | 115 006               | 453 600                           | 731 893                            | 1 182 543                            | 24 073          |
| 33281                    | Coating, engraving, heat treating, and allied activities ..                                       | —                               | 263    | 72                        | 4 828               | 176 064            | 3 640               | 7 079         | 115 006               | 453 600                           | 731 893                            | 1 182 543                            | 24 073          |
| 332811                   | Metal heat treating .....   | 1                               | 43     | 11                        | 696                 | 26 671             | 485                 | 986           | 15 777                | 71 350                            | 23 517                             | 95 073                               | 6 144           |
| 332812                   | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .. | —                               | 104    | 31                        | 2 099               | 80 482             | 1 613               | 3 198         | 56 850                | 250 900                           | 639 731                            | 882 919                              | 10 830          |
| 332813                   | Electroplating, plating, polishing, anodizing, and coloring .....                                 | 1                               | 116    | 30                        | 2 033               | 68 911             | 1 542               | 2 895         | 42 379                | 131 350                           | 68 645                             | 204 551                              | 7 099           |
| 3329                     | Other fabricated metal product manufacturing .....  | 1                               | 408    | 145                       | '15 058             | '576 655           | '10 678             | '22 169       | '337 173              | '1 454 812                        | '857 056                           | '2 344 827                           | '64 238         |
| 33291                    | Metal valve manufacturing ....  | —                               | 83     | 43                        | 6 320               | 229 566            | 4 153               | 8 763         | 121 487               | 605 748                           | 377 297                            | 1 009 306                            | 21 586          |
| 332911                   | Industrial valve manufacturing .....  | —                               | 42     | 22                        | 2 461               | 107 076            | 1 467               | 2 841         | 49 084                | 290 449                           | 171 777                            | 479 310                              | 8 858           |
| 332912                   | Fluid power valve and hose fitting manufacturing .....  | —                               | 14     | 8                         | 856                 | 29 501             | 629                 | 1 201         | 19 044                | 87 463                            | 34 447                             | 115 408                              | 1 875           |
| 332913                   | Plumbing fixture fitting and trim manufacturing .....   | —                               | 6      | 2                         | 239                 | 10 924             | 90                  | 180           | 3 634                 | 60 797                            | 33 864                             | 110 652                              | 288             |
| 332919                   | Other metal valve and pipe fitting manufacturing .....  | —                               | 21     | 11                        | 2 764               | 82 065             | 1 967               | 4 541         | 49 725                | 167 039                           | 137 209                            | 303 936                              | 10 565          |
| 33299                    | All other fabricated metal product manufacturing .....  | 1                               | 325    | 102                       | '8 738              | '347 089           | '6 525              | '13 406       | '215 686              | '849 064                          | '479 759                           | '1 335 521                           | '42 652         |
| 332991                   | Ball and roller bearing manufacturing .....   | —                               | 9      | 9                         | 1 134               | 46 388             | 907                 | 1 711         | 32 805                | 182 585                           | 82 461                             | 267 590                              | 5 877           |
| 332993                   | Ammunition (except small arms) manufacturing .....  | —                               | 5      | 2                         | 428                 | 18 308             | 323                 | 706           | 12 506                | 83 159                            | 9 570                              | 93 566                               | 371             |
| 332994                   | Small arms manufacturing ...  | 1                               | 12     | 3                         | 234                 | 6 733              | 201                 | 438           | 5 229                 | 11 857                            | 3 416                              | 15 561                               | 642             |
| 332995                   | Other ordnance and accessories manufacturing ..   | —                               | 1      | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332996                   | Fabricated pipe and pipe fitting manufacturing .....  | —                               | 36     | 18                        | 1 555               | 62 337             | 1 183               | 2 354         | 40 114                | 124 713                           | 70 455                             | 197 801                              | 4 370           |
| 332997                   | Industrial pattern manufacturing .....  | 5                               | 48     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 049           |
| 332998                   | Enameled iron and metal sanitary ware manufacturing .....   | 1                               | 3      | 3                         | 159                 | 5 282              | 132                 | 283           | 3 775                 | 12 531                            | 12 779                             | 25 355                               | D               |
| 332999                   | All other miscellaneous fabricated metal product manufacturing .....                              | '2                              | 208    | 62                        | '4 635              | '185 183           | '3 324              | '7 005        | '105 028              | '390 470                          | '274 370                           | '663 899                             | '26 828         |
| 333                      | Machinery manufacturing .....   | 1                               | 1 474  | 543                       | '54 855             | '2 335 574         | '33 838             | '66 252       | '1 205 674            | '5 026 051                        | '4 770 863                         | '9 872 638                           | '223 245        |
| 3331                     | Agriculture, construction, and mining machinery manufacturing .....                               | 1                               | 117    | 48                        | 7 383               | 329 069            | 4 970               | 9 940         | 185 405               | 690 211                           | 998 157                            | 1 698 703                            | 32 363          |

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333                      | Machinery manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3331                     | Agriculture, construction, and mining machinery manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33311                    | Agricultural implement manufacturing .....  | 1  | 52                              | 12                        | 1 958               | 77 279            | 1 593               | 3 116         | 58 435          | 201 868               | 180 238                           | 379 163                            | 7 454                                |
| 333111                   | Farm machinery and equipment manufacturing ..   | —  | 40                              | 7                         | 1 098               | 52 310            | 898                 | 1 810         | 41 177          | 138 527               | 128 153                           | 262 479                            | 5 004                                |
| 333112                   | Lawn and garden tractor and home lawn and garden equipment manufacturing ..   | 3  | 12                              | 5                         | 860                 | 24 969            | 695                 | 1 306         | 17 258          | 63 341                | 52 085                            | 116 684                            | 2 450                                |
| 33312                    | Construction machinery manufacturing .....  | —  | 33                              | 19                        | 3 339               | 154 196           | 2 124               | 4 291         | 82 218          | 337 353               | 585 811                           | 926 888                            | 16 348                               |
| 333120                   | Construction machinery manufacturing .....  | —  | 33                              | 19                        | 3 339               | 154 196           | 2 124               | 4 291         | 82 218          | 337 353               | 585 811                           | 926 888                            | 16 348                               |
| 33313                    | Mining and oil and gas field machinery manufacturing ....   | 1  | 32                              | 17                        | 2 086               | 97 594            | 1 253               | 2 533         | 44 752          | 150 990               | 232 108                           | 392 652                            | 8 561                                |
| 333131                   | Mining machinery and equipment manufacturing ..   | —  | 23                              | 13                        | 1 838               | 85 878            | 1 091               | 2 166         | 38 980          | 120 361               | 207 371                           | 335 945                            | 7 197                                |
| 333132                   | Oil and gas field machinery and equipment manufacturing .....   | 3  | 9                               | 4                         | 248                 | 11 716            | 162                 | 367           | 5 772           | 30 629                | 24 737                            | 56 707                             | 1 364                                |
| 3332                     | Industrial machinery manufacturing .....  | 1  | 219                             | 78                        | 7 074               | 329 614           | 3 747               | 7 601         | 135 786         | 726 263               | 566 201                           | 1 288 088                          | 23 602                               |
| 33321                    | Sawmill and woodworking machinery manufacturing ....  | 1  | 13                              | 4                         | 155                 | 5 423             | 98                  | 180           | 2 814           | 12 961                | 3 806                             | 16 993                             | 778                                  |
| 333210                   | Sawmill and woodworking machinery manufacturing ..  | 1  | 13                              | 4                         | 155                 | 5 423             | 98                  | 180           | 2 814           | 12 961                | 3 806                             | 16 993                             | 778                                  |
| 33322                    | Plastics and rubber industry machinery manufacturing ....   | —  | 27                              | 9                         | 1 255               | 62 430            | 596                 | 1 148         | 21 220          | 167 212               | 170 983                           | 342 988                            | 2 710                                |
| 333220                   | Plastics and rubber industry machinery manufacturing ..   | —  | 27                              | 9                         | 1 255               | 62 430            | 596                 | 1 148         | 21 220          | 167 212               | 170 983                           | 342 988                            | 2 710                                |
| 33329                    | Other industrial machinery manufacturing .....  | 2  | 179                             | 65                        | 5 664               | 261 761           | 3 053               | 6 273         | 111 752         | 546 090               | 391 412                           | 928 107                            | 20 114                               |
| 333291                   | Paper industry machinery manufacturing .....  | —  | 16                              | 7                         | 949                 | 44 595            | 523                 | 1 103         | 19 297          | 74 874                | 47 575                            | 131 919                            | 2 874                                |
| 333292                   | Textile machinery manufacturing .....   | 2  | 23                              | 7                         | 429                 | 14 436            | 272                 | 519           | 6 422           | 28 897                | 22 123                            | 50 952                             | 2 120                                |
| 333293                   | Printing machinery and equipment manufacturing ..   | 1  | 24                              | 7                         | 909                 | 48 043            | 443                 | 1 010         | 20 029          | 153 649               | 95 076                            | 227 461                            | 2 417                                |
| 333294                   | Food product machinery manufacturing .....  | 2  | 24                              | 12                        | 736                 | 36 552            | 453                 | 980           | 18 498          | 73 030                | 45 218                            | 118 006                            | 1 477                                |
| 333295                   | Semiconductor machinery manufacturing .....   | 3  | 9                               | 6                         | 612                 | 35 928            | 193                 | 369           | 8 256           | 59 125                | 68 774                            | 128 899                            | 5 013                                |
| 333298                   | All other industrial machinery manufacturing .....  | 3  | 83                              | 26                        | 2 029               | 82 207            | 1 169               | 2 292         | 39 250          | 156 515               | 112 646                           | 270 870                            | 6 213                                |
| 3333                     | Commercial and service industry machinery manufacturing .....   | 2  | 100                             | 33                        | 3 828               | 175 371           | 2 059               | 4 127         | 73 999          | 399 597               | 435 230                           | 831 898                            | 24 617                               |
| 33331                    | Commercial and service industry machinery manufacturing .....   | 2  | 100                             | 33                        | 3 828               | 175 371           | 2 059               | 4 127         | 73 999          | 399 597               | 435 230                           | 831 898                            | 24 617                               |
| 333311                   | Automatic vending machine manufacturing .....   | 3  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333312                   | Commercial laundry, drycleaning, and pressing machine manufacturing ....  | 8  | 2                               | 1                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333313                   | Office machinery manufacturing .....  | —  | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 257                                  |
| 333314                   | Optical instrument and lens manufacturing .....   | —  | 21                              | 8                         | 967                 | 42 978            | 511                 | 1 163         | 23 120          | 85 787                | 108 270                           | 184 384                            | 10 662                               |
| 333315                   | Photographic and photocopying equipment manufacturing .....   | 1  | 13                              | 2                         | 215                 | 7 140             | 128                 | 257           | 3 280           | 16 780                | 15 958                            | 32 426                             | 1 204                                |
| 333319                   | Other commercial and service industry machinery manufacturing .....   | 2  | 57                              | 18                        | 1 467               | 63 614            | 876                 | 1 674         | 29 396          | 174 797               | 174 275                           | 350 312                            | 4 929                                |
| 3334                     | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 1  | 99                              | 54                        | 6 099               | 234 678           | 3 979               | 7 804         | 133 269         | 564 178               | 585 130                           | 1 153 651                          | 27 792                               |
| 33341                    | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 1  | 99                              | 54                        | 6 099               | 234 678           | 3 979               | 7 804         | 133 269         | 564 178               | 585 130                           | 1 153 651                          | 27 792                               |
| 333411                   | Air purification equipment manufacturing .....  | 1  | 13                              | 4                         | 285                 | 8 873             | 190                 | 364           | 4 096           | 31 617                | 25 405                            | 57 791                             | 650                                  |
| 333412                   | Industrial and commercial fan and blower manufacturing ..   | —  | 7                               | 4                         | 282                 | 12 082            | 163                 | 318           | 5 697           | 28 478                | 18 611                            | 46 947                             | 572                                  |
| 333414                   | Heating equipment (except warm air furnaces) manufacturing .....  | 2  | 32                              | 18                        | 2 005               | 72 974            | 1 177               | 2 428         | 36 549          | 223 327               | 182 961                           | 406 637                            | 17 340                               |
| 333415                   | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | 1  | 47                              | 28                        | 3 527               | 140 749           | 2 449               | 4 694         | 86 927          | 280 756               | 358 153                           | 642 276                            | 9 230                                |
| 3335                     | Metalworking machinery manufacturing .....  | 2  | 569                             | 163                       | 11 894              | 495 510           | 8 383               | 16 501        | 316 540         | 969 557               | 452 171                           | 1 449 729                          | 49 691                               |



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| NAICS code               | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333                      | Machinery manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3335                     | Metalworking machinery manufacturing—Con.                                  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33351                    | Metalworking machinery manufacturing .....                                 | 2              | '569                            | '163                      | '11 894             | '495 510          | '8 383              | '16 501       | '316 540        | '969 557              | '452 171                          | '1 449 729                         | 49 691                               |
| 333511                   | Industrial mold manufacturing .....  | —              | '161                            | '49                       | '3 302              | '136 937          | '2 544              | '5 030        | '100 259        | '268 355              | '122 787                          | '396 411                           | 17 810                               |
| 333512                   | Machine tool (metal cutting types) manufacturing .....                     | 2              | 15                              | 8                         | 686                 | 33 866            | 363                 | 626           | 12 946          | 64 147                | 39 660                            | 115 585                            | 886                                  |
| 333513                   | Machine tool (metal forming types) manufacturing .....                     | —              | 12                              | 9                         | 473                 | 20 503            | 241                 | 473           | 8 796           | 34 651                | 24 701                            | 62 593                             | 4 763                                |
| 333514                   | Special die and tool, die set, jig, and fixture manufacturing .....        | 1              | 234                             | 58                        | 3 836               | 156 656           | 2 936               | 5 819         | 111 382         | 269 771               | 96 192                            | 369 282                            | 11 158                               |
| 333515                   | Cutting tool and machine tool accessory manufacturing .....                | 1              | 112                             | 26                        | 2 460               | 96 740            | 1 596               | 3 076         | 57 042          | 222 634               | 81 795                            | 306 402                            | 9 956                                |
| 333516                   | Rolling mill machinery and equipment manufacturing ..                      | 4              | 13                              | 6                         | 456                 | 22 349            | 251                 | 509           | 9 792           | 63 602                | 63 634                            | 127 168                            | 3 336                                |
| 333518                   | Other metalworking machinery manufacturing ..                              | 6              | 22                              | 7                         | 681                 | 28 459            | 452                 | 968           | 16 323          | 46 397                | 23 402                            | 72 288                             | 1 782                                |
| 3336                     | Engine, turbine, and power transmission equipment manufacturing .....      | —              | 34                              | 16                        | 2 023               | 95 663            | 1 208               | 2 601         | 51 980          | 200 441               | 128 805                           | 345 722                            | 8 345                                |
| 33361                    | Engine, turbine, and power transmission equipment manufacturing .....      | —              | 34                              | 16                        | 2 023               | 95 663            | 1 208               | 2 601         | 51 980          | 200 441               | 128 805                           | 345 722                            | 8 345                                |
| 333611                   | Turbine and turbine generator set units manufacturing .....                | —              | 8                               | 4                         | 1 019               | 50 702            | 557                 | 1 269         | 24 273          | 88 954                | 74 956                            | 173 488                            | 5 822                                |
| 333612                   | Speed changer, industrial high-speed drive, and gear manufacturing .....   | 5              | 10                              | 7                         | 267                 | 12 480            | 187                 | 375           | 7 787           | 25 080                | 15 300                            | 40 389                             | 647                                  |
| 333613                   | Mechanical power transmission equipment manufacturing .....                | —              | 9                               | 5                         | 702                 | 31 011            | 439                 | 906           | 19 016          | 82 247                | 35 315                            | 123 834                            | 1 781                                |
| 3339                     | Other general purpose machinery manufacturing .....                        | 2              | '336                            | '151                      | '16 554             | '675 669          | '9 492              | '17 678       | '308 695        | '1 475 804            | '1 605 169                        | '3 104 847                         | '56 835                              |
| 33391                    | Pump and compressor manufacturing .....                                    | 1              | '35                             | '23                       | '3 452              | '159 945          | '1 805              | '3 102        | '59 143         | '273 440              | '356 226                          | '578 263                           | '12 133                              |
| 333911                   | Pump and pumping equipment manufacturing ..                                | 3              | 19                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 471                                |
| 333912                   | Air and gas compressor manufacturing .....                                 | —              | '14                             | '11                       | '1 720              | '82 592           | '838                | '1 217        | '25 241         | '143 671              | '233 318                          | '326 816                           | D                                    |
| 333913                   | Measuring and dispensing pump manufacturing .....                          | —              | 2                               | 1                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392                    | Material handling equipment manufacturing .....                            | 2              | 90                              | 43                        | 5 265               | 195 420           | 3 311               | 6 148         | 102 903         | 418 968               | 724 819                           | 1 190 603                          | 18 387                               |
| 333921                   | Elevator and moving stairway manufacturing .....                           | 8              | 10                              | 5                         | 725                 | 29 288            | 489                 | 960           | 19 541          | 152 995               | 117 462                           | 270 431                            | 4 054                                |
| 333922                   | Conveyor and conveying equipment manufacturing ..                          | 2              | 47                              | 23                        | 1 302               | 56 417            | 734                 | 1 575         | 25 684          | 119 208               | 97 172                            | 213 528                            | 5 213                                |
| 333923                   | Overhead traveling crane, hoist, and monorail system manufacturing .....   | —              | 18                              | 10                        | 2 848               | 94 310            | 1 815               | 3 081         | 47 508          | 115 608               | 481 345                           | 646 464                            | 8 413                                |
| 333924                   | Industrial truck, tractor, trailer, and stacker machinery manufacturing .. | 4              | 15                              | 5                         | 390                 | 15 405            | 273                 | 532           | 10 170          | 31 157                | 28 840                            | 60 180                             | 707                                  |
| 33399                    | All other general purpose machinery manufacturing ....                     | 1              | 211                             | 85                        | 7 837               | 320 304           | 4 376               | 8 428         | 146 649         | 783 396               | 524 124                           | 1 335 981                          | 26 315                               |
| 333991                   | Power-driven handtool manufacturing .....                                  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333992                   | Welding and soldering equipment manufacturing ..                           | 1              | 12                              | 6                         | 698                 | 32 841            | 437                 | 933           | 17 820          | 70 752                | 71 181                            | 151 799                            | 6 354                                |
| 333993                   | Packaging machinery manufacturing .....                                    | 1              | 40                              | 19                        | 1 650               | 71 304            | 660                 | 1 203         | 23 032          | 175 269               | 76 536                            | 260 274                            | 5 068                                |
| 333994                   | Industrial process furnace and oven manufacturing ...                      | 1              | 29                              | 16                        | 1 010               | 38 031            | 603                 | 1 243         | 17 860          | 67 005                | 59 490                            | 126 323                            | 1 271                                |
| 333995                   | Fluid power cylinder and actuator manufacturing ....                       | 1              | 9                               | 3                         | 189                 | 7 253             | 134                 | 285           | 4 357           | 16 620                | 15 297                            | 30 378                             | 1 006                                |
| 333996                   | Fluid power pump and motor manufacturing .....                             | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333999                   | All other miscellaneous general purpose machinery manufacturing .....      | 2              | 113                             | 37                        | 3 177               | 117 188           | 1 780               | 3 197         | 49 617          | 272 231               | 181 940                           | 465 872                            | 8 800                                |
| 334                      | Computer and electronic product manufacturing .....                        | —              | '703                            | '290                      | '41 832             | '1 915 289        | '22 726             | '45 998       | '782 256        | '4 164 694            | '4 031 502                        | '8 225 728                         | '342 748                             |
| 3341                     | Computer and peripheral equipment manufacturing .....                      | 2              | 54                              | 19                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33411                    | Computer and peripheral equipment manufacturing ....                       | 2              | 54                              | 19                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334111                   | Electronic computer manufacturing .....                                    | 2              | 14                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 656                                |
| 334119                   | Other computer peripheral equipment manufacturing ..                       | 2              | 36                              | 12                        | 1 125               | 48 620            | 385                 | 794           | 18 548          | 121 286               | 99 830                            | 224 474                            | 9 025                                |
| 3342                     | Communications equipment manufacturing .....                               | 1              | 77                              | 28                        | 4 180               | 228 963           | 1 780               | 3 442         | 67 484          | 328 682               | 387 291                           | 716 602                            | 18 578                               |
| 33421                    | Telephone apparatus manufacturing .....                                    | 7              | 9                               | 3                         | 226                 | 14 832            | 44                  | 86            | 1 604           | 25 209                | 17 560                            | 42 833                             | 675                                  |
| 334210                   | Telephone apparatus manufacturing .....                                    | 7              | 9                               | 3                         | 226                 | 14 832            | 44                  | 86            | 1 604           | 25 209                | 17 560                            | 42 833                             | 675                                  |

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[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry   | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|--------------------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                          |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>PENNSYLVANIA—Con.</b> |  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 334                      | Computer and electronic product manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3342                     | Communications equipment manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 33422                    | Radio and television broadcasting and wireless communications equipment manufacturing                                  | —                               | 52    | 20                        | 3 399               | 190 903            | 1 495               | 2 940         | 58 087                | 251 264                           | 328 734                            | 584 270                              | 17 124          |
| 334220                   | Radio and television broadcasting and wireless communications equipment manufacturing                                  | —                               | 52    | 20                        | 3 399               | 190 903            | 1 495               | 2 940         | 58 087                | 251 264                           | 328 734                            | 584 270                              | 17 124          |
| 33429                    | Other communications equipment manufacturing   | 2                               | 16    | 5                         | 555                 | 23 228             | 241                 | 416           | 7 793                 | 52 209                            | 40 997                             | 89 499                               | 779             |
| 334290                   | Other communications equipment manufacturing   | 2                               | 16    | 5                         | 555                 | 23 228             | 241                 | 416           | 7 793                 | 52 209                            | 40 997                             | 89 499                               | 779             |
| 3343                     | Audio and video equipment manufacturing  | —                               | '13   | '3                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33431                    | Audio and video equipment manufacturing  | —                               | '13   | '3                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334310                   | Audio and video equipment manufacturing  | —                               | '13   | '3                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3344                     | Semiconductor and other electronic component manufacturing   | 1                               | '259  | '126                      | '17 191             | '743 037           | '10 284             | '20 898       | '358 019              | '1 310 297                        | '988 055                           | '2 342 561                           | '164 111        |
| 33441                    | Semiconductor and other electronic component manufacturing   | 1                               | '259  | '126                      | '17 191             | '743 037           | '10 284             | '20 898       | '358 019              | '1 310 297                        | '988 055                           | '2 342 561                           | '164 111        |
| 334411                   | Electron tube manufacturing  | —                               | 7     | 4                         | 639                 | 25 887             | 393                 | 701           | 12 263                | 55 301                            | 34 849                             | 84 820                               | 3 548           |
| 334412                   | Bare printed circuit board manufacturing   | 2                               | 28    | 9                         | 799                 | 24 077             | 634                 | 1 233         | 15 402                | 39 394                            | 25 096                             | 63 964                               | 739             |
| 334413                   | Semiconductor and related device manufacturing   | —                               | 46    | 21                        | 5 348               | 309 191            | 2 628               | 5 887         | 145 423               | 394 952                           | 245 206                            | 656 249                              | 74 416          |
| 334414                   | Electronic capacitor manufacturing   | —                               | 3     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334415                   | Electronic resistor manufacturing  | 1                               | 7     | 5                         | 495                 | 19 355             | 255                 | 492           | 7 590                 | 55 964                            | 16 998                             | 74 243                               | D               |
| 334416                   | Electronic coil, transformer, and other inductor manufacturing   | 2                               | 18    | 9                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 427             |
| 334417                   | Electronic connector manufacturing   | —                               | 20    | 15                        | 3 039               | 122 894            | 2 050               | 3 900         | 65 555                | 251 545                           | 159 899                            | 420 743                              | 55 167          |
| 334418                   | Printed circuit assembly (electronic assembly) manufacturing   | 1                               | '40   | '22                       | '2 329              | '80 546            | '1 535              | '3 340        | '42 073               | '200 666                          | '241 165                           | '444 399                             | '10 896         |
| 334419                   | Other electronic component manufacturing   | 3                               | 90    | 39                        | 3 702               | 133 741            | 2 236               | 4 270         | 56 468                | 247 856                           | 137 948                            | 394 189                              | 17 866          |
| 3345                     | Navigational, measuring, electromedical, and control instruments manufacturing   | —                               | '260  | '109                      | '14 038             | '671 925           | '6 415              | '11 885       | '204 831              | '1 521 117                        | '1 202 991                         | '2 733 824                           | '75 924         |
| 33451                    | Navigational, measuring, electromedical, and control instruments manufacturing   | —                               | '260  | '109                      | '14 038             | '671 925           | '6 415              | '11 885       | '204 831              | '1 521 117                        | '1 202 991                         | '2 733 824                           | '75 924         |
| 334510                   | Electromedical and electrotherapeutic apparatus manufacturing  | —                               | 19    | 11                        | 2 292               | 127 370            | 868                 | 1 740         | 26 778                | 306 711                           | 147 318                            | 447 572                              | 10 178          |
| 334511                   | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing                | 1                               | 26    | 13                        | 2 217               | 109 519            | 1 005               | 1 826         | 33 576                | 205 079                           | 197 638                            | 404 426                              | 19 280          |
| 334512                   | Automatic environmental control manufacturing for residential, commercial, and appliance use                           | 1                               | 18    | 5                         | 332                 | 11 520             | 216                 | 465           | 4 826                 | 24 102                            | 14 863                             | 39 831                               | 690             |
| 334513                   | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables | —                               | '61   | '26                       | '3 774              | '183 039           | '1 563              | '2 755        | '51 448               | '436 219                          | '304 955                           | '752 936                             | '15 490         |
| 334514                   | Totalizing fluid meter and counting device manufacturing   | —                               | 21    | 8                         | 1 624               | 70 743             | 933                 | 1 672         | 31 527                | 181 363                           | 261 419                            | 449 348                              | 14 579          |
| 334515                   | Instrument manufacturing for measuring and testing electricity and electrical signals                                  | 1                               | 22    | 6                         | 451                 | 19 834             | 237                 | 471           | 8 526                 | 48 365                            | 28 661                             | 77 962                               | 1 088           |
| 334516                   | Analytical laboratory instrument manufacturing   | —                               | 32    | 13                        | 1 471               | 69 107             | 660                 | 1 234         | 19 156                | 141 020                           | 151 709                            | 292 608                              | 9 524           |
| 334517                   | Irradiation apparatus manufacturing  | 9                               | 6     | 2                         | 140                 | 8 036              | 46                  | 97            | 1 501                 | 18 530                            | 15 133                             | 33 866                               | 637             |
| 334518                   | Watch, clock, and part manufacturing   | 4                               | 9     | 4                         | 131                 | 3 475              | 85                  | 153           | 1 519                 | 6 549                             | 4 639                              | 11 190                               | 579             |
| 334519                   | Other measuring and controlling device manufacturing   | —                               | 46    | 21                        | 1 606               | 69 282             | 802                 | 1 472         | 25 974                | 153 179                           | 76 656                             | 224 085                              | 3 879           |
| 3346                     | Manufacturing and reproducing magnetic and optical media   | —                               | 40    | 5                         | 2 079               | 83 313             | 1 811               | 3 711         | 69 967                | 358 862                           | 212 167                            | 567 750                              | D               |
| 33461                    | Manufacturing and reproducing magnetic and optical media   | —                               | 40    | 5                         | 2 079               | 83 313             | 1 811               | 3 711         | 69 967                | 358 862                           | 212 167                            | 567 750                              | D               |
| 334612                   | Prerecorded compact disc (except software), tape, and record reproducing   | —                               | 22    | 5                         | 1 982               | 79 618             | 1 746               | 3 582         | 67 675                | 350 963                           | 202 277                            | 548 974                              | D               |

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| NAICS code               | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335                      | Electrical equipment, appliance, and component manufacturing .....                      | 1              | '346                            | 146                       | '25 946             | '950 087          | '17 692             | '34 564       | '505 548        | '2 560 280            | '2 391 815                        | '4 957 587                         | '122 025                             |
| 3351                     | Electric lighting equipment manufacturing .....   | 1              | 76                              | 30                        | 5 127               | 158 474           | 3 748               | 7 403         | 97 141          | 478 388               | 544 475                           | 1 003 645                          | 13 629                               |
| 33511                    | Electric lamp bulb and part manufacturing .....   | —              | 8                               | 5                         | 1 219               | 48 075            | 957                 | 1 908         | 36 507          | 188 878               | 159 164                           | 325 886                            | 5 789                                |
| 335110                   | Electric lamp bulb and part manufacturing .....   | —              | 8                               | 5                         | 1 219               | 48 075            | 957                 | 1 908         | 36 507          | 188 878               | 159 164                           | 325 886                            | 5 789                                |
| 33512                    | Lighting fixture manufacturing ..   | 2              | 68                              | 25                        | 3 908               | 110 399           | 2 791               | 5 495         | 60 634          | 289 510               | 385 311                           | 677 759                            | 7 840                                |
| 335121                   | Residential electric lighting fixture manufacturing .....                               | 2              | 32                              | 12                        | 1 227               | 32 144            | 884                 | 1 586         | 19 113          | 74 408                | 55 136                            | 130 427                            | 1 290                                |
| 335122                   | Commercial, industrial, and institutional electric lighting fixture manufacturing ..... | 2              | 23                              | 9                         | 2 090               | 58 725            | 1 569               | 3 195         | 33 662          | 125 259               | 265 738                           | 394 210                            | 5 765                                |
| 335129                   | Other lighting equipment manufacturing .....  | —              | 13                              | 4                         | 591                 | 19 530            | 338                 | 714           | 7 859           | 89 843                | 64 437                            | 153 122                            | 785                                  |
| 3352                     | Household appliance manufacturing .....   | —              | 9                               | 6                         | 1 380               | 38 959            | 1 116               | 2 169         | 25 894          | 109 083               | 145 774                           | 252 153                            | 10 028                               |
| 33521                    | Small electrical appliance manufacturing .....  | —              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 998                                |
| 335211                   | Electric housewares and household fan manufacturing .....                               | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335212                   | Household vacuum cleaner manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33522                    | Major appliance manufacturing ..  | —              | 5                               | 3                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 030                                |
| 335221                   | Household cooking appliance manufacturing .....   | —              | 5                               | 3                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 030                                |
| 3353                     | Electrical equipment manufacturing .....  | 1              | 118                             | 41                        | 5 804               | 233 446           | 3 689               | 6 797         | 109 155         | 597 126               | 609 752                           | 1 219 427                          | 38 240                               |
| 33531                    | Electrical equipment manufacturing .....  | 1              | 118                             | 41                        | 5 804               | 233 446           | 3 689               | 6 797         | 109 155         | 597 126               | 609 752                           | 1 219 427                          | 38 240                               |
| 335311                   | Power, distribution, and specialty transformer manufacturing .....                      | —              | 11                              | 3                         | 390                 | 16 194            | 273                 | 558           | 9 846           | 54 723                | 39 784                            | 91 952                             | 1 052                                |
| 335312                   | Motor and generator manufacturing .....   | 3              | 25                              | 10                        | 1 672               | 57 431            | 1 242               | 2 532         | 40 466          | 136 642               | 84 014                            | 223 294                            | 6 449                                |
| 335313                   | Switchgear and switchboard apparatus manufacturing ..                                   | —              | 26                              | 14                        | 2 020               | 80 877            | 1 313               | 1 903         | 36 676          | 237 075               | 246 450                           | 496 468                            | 3 919                                |
| 335314                   | Relay and industrial control manufacturing .....  | 1              | 56                              | 14                        | 1 722               | 78 944            | 861                 | 1 804         | 22 167          | 168 686               | 239 504                           | 407 713                            | 26 820                               |
| 3359                     | Other electrical equipment and component manufacturing .....                            | 1              | '143                            | 69                        | '13 635             | '519 208          | '9 139              | '18 195       | '273 358        | '1 375 683            | '1 091 814                        | '2 482 362                         | '60 128                              |
| 33591                    | Battery manufacturing .....   | —              | 5                               | 5                         | 4 249               | 157 572           | 3 034               | 6 149         | 89 514          | 250 014               | 223 647                           | 472 329                            | D                                    |
| 335911                   | Storage battery manufacturing .....   | —              | 5                               | 5                         | 4 249               | 157 572           | 3 034               | 6 149         | 89 514          | 250 014               | 223 647                           | 472 329                            | D                                    |
| 33592                    | Communication and energy wire and cable manufacturing ..                                | 2              | 23                              | 14                        | 2 353               | 82 739            | 1 481               | 3 093         | 42 296          | 170 883               | 322 393                           | 514 776                            | D                                    |
| 335929                   | Other communication and energy wire manufacturing ..                                    | 2              | 20                              | 14                        | 2 328               | 81 986            | 1 463               | 3 064         | 41 801          | 167 547               | 319 813                           | 508 860                            | D                                    |
| 33593                    | Wiring device manufacturing ..  | —              | '42                             | 20                        | '4 145              | '173 530          | '2 661              | '5 183        | '82 666         | '502 109              | '379 425                          | '885 683                           | '23 916                              |
| 335931                   | Current-carrying wiring device manufacturing .....                                      | —              | '30                             | 13                        | '2 936              | '131 961          | '1 685              | '3 210        | '52 533         | '379 710              | '236 750                          | '617 172                           | '18 588                              |
| 335932                   | Noncurrent-carrying wiring device manufacturing .....                                   | —              | 12                              | 7                         | 1 209               | 41 569            | 976                 | 1 973         | 30 133          | 122 399               | 142 675                           | 268 511                            | 5 328                                |
| 33599                    | All other electrical equipment and component manufacturing .....                        | 2              | 73                              | 30                        | 2 888               | 105 367           | 1 963               | 3 770         | 58 882          | 452 677               | 166 349                           | 609 574                            | 18 556                               |
| 335991                   | Carbon and graphite product manufacturing .....   | 3              | 18                              | 14                        | 1 587               | 59 997            | 1 202               | 2 581         | 38 339          | 167 417               | 98 896                            | 262 319                            | 15 202                               |
| 335999                   | All other miscellaneous electrical equipment and component manufacturing ..             | 1              | 55                              | 16                        | 1 301               | 45 370            | 761                 | 1 189         | 20 543          | 285 260               | 67 453                            | 347 255                            | 3 354                                |
| 336                      | Transportation equipment manufacturing .....  | 1              | 377                             | 182                       | 43 837              | 1 951 180         | 31 616              | 63 471        | 1 133 076       | 4 801 370             | 6 491 330                         | 11 352 480                         | 331 453                              |
| 3361                     | Motor vehicle manufacturing .....   | —              | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33612                    | Heavy duty truck manufacturing .....  | —              | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336120                   | Heavy duty truck manufacturing .....  | —              | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362                     | Motor vehicle body and trailer manufacturing .....                                      | 1              | 119                             | 57                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621                    | Motor vehicle body and trailer manufacturing .....                                      | 1              | 119                             | 57                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211                   | Motor vehicle body manufacturing .....  | 1              | 64                              | 32                        | 3 960               | 129 367           | 2 930               | 5 837         | 87 966          | 243 215               | 431 985                           | 670 319                            | 7 579                                |
| 336212                   | Truck trailer manufacturing ..  | 1              | 20                              | 12                        | 955                 | 30 096            | 791                 | 1 533         | 22 726          | 61 346                | 98 737                            | 161 573                            | D                                    |
| 336213                   | Motor home manufacturing ..   | —              | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 72                                   |
| 336214                   | Travel trailer and camper manufacturing .....   | 1              | 31                              | 12                        | 2 021               | 59 462            | 1 647               | 3 370         | 36 929          | 130 833               | 164 054                           | 292 140                            | D                                    |
| 3363                     | Motor vehicle parts manufacturing .....   | 2              | 154                             | 80                        | 14 116              | 524 428           | 11 363              | 20 776        | 368 992         | 1 482 884             | 1 629 988                         | 3 074 750                          | 94 503                               |
| 33631                    | Motor vehicle gasoline engine and engine parts manufacturing .....                      | 9              | 22                              | 1                         | c                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 795                                  |

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|--------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PENNSYLVANIA—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336                      | Transportation equipment manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3363                     | Motor vehicle parts manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33632                    | Motor vehicle electrical and electronic equipment manufacturing                    | —  | 40                              | 20                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336321                   | Vehicular lighting equipment manufacturing   | —  | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322                   | Other motor vehicle electrical and electronic equipment manufacturing              | —  | 34                              | 15                        | 4 793               | 146 389           | 3 904               | 7 199         | 100 833         | 515 303               | 515 216                           | 996 283                            | 14 776                               |
| 33633                    | Motor vehicle steering and suspension component (except spring) manufacturing      | —  | 5                               | 3                         | 1 160               | 39 629            | 956                 | 1 180         | 30 183          | 77 185                | 49 433                            | 126 659                            | D                                    |
| 336330                   | Motor vehicle steering and suspension component (except spring) manufacturing      | —  | 5                               | 3                         | 1 160               | 39 629            | 956                 | 1 180         | 30 183          | 77 185                | 49 433                            | 126 659                            | D                                    |
| 33634                    | Motor vehicle brake system manufacturing   | —  | 8                               | 6                         | 1 468               | 53 436            | 1 144               | 2 064         | 38 202          | 137 390               | 129 589                           | 267 248                            | 11 482                               |
| 336340                   | Motor vehicle brake system manufacturing   | —  | 8                               | 6                         | 1 468               | 53 436            | 1 144               | 2 064         | 38 202          | 137 390               | 129 589                           | 267 248                            | 11 482                               |
| 33635                    | Motor vehicle transmission and power train parts manufacturing                     | —  | 16                              | 10                        | 1 428               | 62 838            | 1 146               | 2 272         | 46 914          | 152 977               | 170 624                           | 328 367                            | 13 669                               |
| 336350                   | Motor vehicle transmission and power train parts manufacturing                     | —  | 16                              | 10                        | 1 428               | 62 838            | 1 146               | 2 272         | 46 914          | 152 977               | 170 624                           | 328 367                            | 13 669                               |
| 33636                    | Motor vehicle seating and interior trim manufacturing                              | 1  | 8                               | 5                         | 582                 | 19 599            | 530                 | 830           | 16 878          | 42 732                | 38 009                            | 81 813                             | D                                    |
| 336360                   | Motor vehicle seating and interior trim manufacturing                              | 1  | 8                               | 5                         | 582                 | 19 599            | 530                 | 830           | 16 878          | 42 732                | 38 009                            | 81 813                             | D                                    |
| 33637                    | Motor vehicle metal stamping   | —  | 18                              | 16                        | 1 778               | 95 423            | 1 440               | 2 704         | 75 110          | 168 113               | 120 618                           | 291 879                            | 4 367                                |
| 336370                   | Motor vehicle metal stamping   | —  | 18                              | 16                        | 1 778               | 95 423            | 1 440               | 2 704         | 75 110          | 168 113               | 120 618                           | 291 879                            | 4 367                                |
| 33639                    | Other motor vehicle parts manufacturing  | 6  | 37                              | 19                        | 1 975               | 80 214            | 1 414               | 2 875         | 39 994          | 296 604               | 541 868                           | 832 540                            | D                                    |
| 336391                   | Motor vehicle air-conditioning manufacturing                                       | —  | 4                               | 3                         | 225                 | 11 010            | 116                 | 216           | 3 936           | 34 395                | 53 871                            | 88 495                             | D                                    |
| 336399                   | All other motor vehicle parts manufacturing  | 7  | 33                              | 16                        | 1 750               | 69 204            | 1 298               | 2 659         | 36 058          | 262 209               | 487 997                           | 744 045                            | 19 402                               |
| 3364                     | Aerospace product and parts manufacturing  | 7  | 29                              | 17                        | 6 796               | 421 562           | 3 943               | 10 601        | 140 255         | 309 956               | 1 074 337                         | 1 534 291                          | 26 325                               |
| 33641                    | Aerospace product and parts manufacturing  | 7  | 29                              | 17                        | 6 796               | 421 562           | 3 943               | 10 601        | 140 255         | 309 956               | 1 074 337                         | 1 534 291                          | 26 325                               |
| 336411                   | Aircraft manufacturing   | 9  | 5                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412                   | Aircraft engine and engine parts manufacturing                                     | —  | 9                               | 6                         | 1 211               | 57 477            | 794                 | 1 605         | 32 509          | 79 571                | 202 294                           | 281 584                            | D                                    |
| 336413                   | Other aircraft parts and auxiliary equipment manufacturing                         | 1  | 12                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 544                                |
| 336419                   | Other guided missile and space vehicle parts and auxiliary equipment manufacturing | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365                     | Railroad rolling stock manufacturing   | —  | 30                              | 16                        | 9 080               | 474 750           | 5 699               | 10 550        | 259 118         | 1 295 674             | 1 466 518                         | 2 772 838                          | 46 024                               |
| 33651                    | Railroad rolling stock manufacturing   | —  | 30                              | 16                        | 9 080               | 474 750           | 5 699               | 10 550        | 259 118         | 1 295 674             | 1 466 518                         | 2 772 838                          | 46 024                               |
| 336510                   | Railroad rolling stock manufacturing   | —  | 30                              | 16                        | 9 080               | 474 750           | 5 699               | 10 550        | 259 118         | 1 295 674             | 1 466 518                         | 2 772 838                          | 46 024                               |
| 3366                     | Ship and boat building   | —  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33661                    | Ship and boat building   | —  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336611                   | Ship building and repairing  | —  | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3369                     | Other transportation equipment manufacturing                                       | —  | 32                              | 7                         | 5 158               | 234 773           | 3 945               | 8 911         | 166 574         | 1 088 333             | 863 498                           | 1 903 292                          | D                                    |
| 33699                    | Other transportation equipment manufacturing                                       | —  | 32                              | 7                         | 5 158               | 234 773           | 3 945               | 8 911         | 166 574         | 1 088 333             | 863 498                           | 1 903 292                          | D                                    |
| 336991                   | Motorcycle, bicycle, and parts manufacturing                                       | —  | 6                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336992                   | Military armored vehicle, tank, and tank component manufacturing                   | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336999                   | All other transportation equipment manufacturing                                   | 4  | 23                              | 3                         | 394                 | 11 262            | 327                 | 675           | 8 233           | 20 782                | 27 558                            | 51 124                             | D                                    |
| 337                      | Furniture and related product manufacturing  | 3  | 928                             | 229                       | 26 295              | 814 116           | 19 990              | 38 801        | 518 641         | 1 980 636             | 1 483 424                         | 3 466 207                          | 96 352                               |
| 3371                     | Household and institutional furniture and kitchen cabinet manufacturing            | 2  | 691                             | 129                       | 16 678              | 477 174           | 13 505              | 26 270        | 340 239         | 1 144 333             | 809 620                           | 1 950 155                          | 56 214                               |
| 33711                    | Wood kitchen cabinet and countertop manufacturing                                  | 1  | 374                             | 71                        | 8 920               | 268 328           | 7 243               | 13 699        | 195 577         | 645 624               | 379 758                           | 1 026 245                          | 24 092                               |
| 337110                   | Wood kitchen cabinet and countertop manufacturing                                  | 1  | 374                             | 71                        | 8 920               | 268 328           | 7 243               | 13 699        | 195 577         | 645 624               | 379 758                           | 1 026 245                          | 24 092                               |

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry   | All establishments <sup>2</sup> |        | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|--------------------------|--|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                          |  | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>PENNSYLVANIA—Con.</b> |  |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 337                      | Furniture and related product manufacturing—Con.                             |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3371                     | Household and institutional furniture and kitchen cabinet manufacturing—Con. |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 33712                    | Household and institutional furniture manufacturing .....                    | 3                               | 317    | 58                        | 7 758               | 208 846            | 6 262               | 12 571        | 144 662               | 498 709                           | 429 862                            | 923 910                              | 32 122          |
| 337121                   | Upholstered household furniture manufacturing ....                           | 3                               | 62     | 9                         | 1 169               | 30 008             | 993                 | 1 935         | 23 778                | 71 359                            | 69 714                             | 140 537                              | 3 238           |
| 337122                   | Nonupholstered wood household furniture manufacturing .....                  | 1                               | 184    | 21                        | 2 450               | 61 248             | 2 070               | 4 201         | 45 774                | 129 952                           | 104 987                            | 222 390                              | 6 701           |
| 337124                   | Metal household furniture manufacturing .....                                | 5                               | 18     | 7                         | 2 012               | 53 866             | 1 640               | 3 264         | 38 501                | 117 759                           | 112 546                            | 235 370                              | D               |
| 337125                   | Household furniture (except wood and metal) manufacturing .....              | 5                               | 9      | 3                         | 412                 | 11 543             | 322                 | 630           | 6 709                 | 43 888                            | 48 635                             | 94 994                               | 1 076           |
| 337127                   | Institutional furniture manufacturing .....                                  | 1                               | 36     | 17                        | 1 428               | 45 054             | 997                 | 2 036         | 25 540                | 120 974                           | 85 027                             | 206 709                              | 15 148          |
| 337129                   | Wood television, radio, and sewing machine cabinet manufacturing .....       | 1                               | 8      | 1                         | 287                 | 7 127              | 240                 | 505           | 4 360                 | 14 777                            | 8 953                              | 23 910                               | D               |
| 3372                     | Office furniture (including fixtures) manufacturing .....                    | 5                               | 198    | 80                        | 7 454               | 275 323            | 4 914               | 9 630         | 136 431               | 663 139                           | 500 120                            | 1 166 290                            | 32 776          |
| 33721                    | Office furniture (including fixtures) manufacturing .....                    | 5                               | 198    | 80                        | 7 454               | 275 323            | 4 914               | 9 630         | 136 431               | 663 139                           | 500 120                            | 1 166 290                            | 32 776          |
| 337211                   | Wood office furniture manufacturing .....                                    | 1                               | 15     | 5                         | 280                 | 11 052             | 159                 | 352           | 4 216                 | 21 116                            | 10 962                             | 32 134                               | 3 440           |
| 337212                   | Custom architectural woodwork and millwork manufacturing .....               | 1                               | 85     | 31                        | 1 646               | 57 266             | 1 165               | 2 270         | 31 981                | 107 491                           | 69 627                             | 178 586                              | 7 498           |
| 337214                   | Office furniture (except wood) manufacturing .....                           | 8                               | 16     | 10                        | 2 401               | 104 370            | 1 233               | 2 429         | 37 773                | 299 136                           | 252 139                            | 555 519                              | 13 219          |
| 337215                   | Showcase, partition, shelving, and locker manufacturing .....                | 2                               | 82     | 34                        | 3 127               | 102 635            | 2 357               | 4 579         | 62 461                | 235 396                           | 167 392                            | 400 051                              | 8 619           |
| 3379                     | Other furniture related product manufacturing .....                          | 1                               | 39     | 20                        | 2 163               | 61 619             | 1 571               | 2 901         | 41 971                | 173 164                           | 173 684                            | 349 762                              | 7 362           |
| 33791                    | Mattress manufacturing .....   | 1                               | 21     | 11                        | 868                 | 28 247             | 707                 | 1 339         | 19 762                | 100 785                           | 85 247                             | 185 631                              | 4 848           |
| 337910                   | Mattress manufacturing .....   | 1                               | 21     | 11                        | 868                 | 28 247             | 707                 | 1 339         | 19 762                | 100 785                           | 85 247                             | 185 631                              | 4 848           |
| 33792                    | Blind and shade manufacturing .....  | 2                               | 18     | 9                         | 1 295               | 33 372             | 864                 | 1 562         | 22 209                | 72 379                            | 88 437                             | 164 131                              | 2 514           |
| 337920                   | Blind and shade manufacturing .....  | 2                               | 18     | 9                         | 1 295               | 33 372             | 864                 | 1 562         | 22 209                | 72 379                            | 88 437                             | 164 131                              | 2 514           |
| 339                      | Miscellaneous manufacturing .....  | 2                               | '1 342 | '310                      | '38 215             | '1 454 261         | '24 360             | '47 118       | '696 383              | '4 138 896                        | '2 637 811                         | '6 757 571                           | '198 865        |
| 3391                     | Medical equipment and supplies manufacturing .....                           | 2                               | '515   | '122                      | '18 017             | '756 131           | '10 686             | '21 347       | '328 276              | '2 214 298                        | '1 339 267                         | '3 518 154                           | '119 812        |
| 33911                    | Medical equipment and supplies manufacturing .....                           | 2                               | '515   | '122                      | '18 017             | '756 131           | '10 686             | '21 347       | '328 276              | '2 214 298                        | '1 339 267                         | '3 518 154                           | '119 812        |
| 339111                   | Laboratory apparatus and furniture manufacturing ....                        | 2                               | 37     | 16                        | 1 223               | 48 829             | 712                 | 1 498         | 21 565                | 118 011                           | 66 495                             | 176 464                              | 5 434           |
| 339112                   | Surgical and medical instrument manufacturing ..                             | 3                               | 72     | 34                        | 7 387               | 355 906            | 4 328               | 8 971         | 152 692               | 1 164 577                         | 494 003                            | 1 651 576                            | 67 921          |
| 339113                   | Surgical appliance and supplies manufacturing ....                           | —                               | 108    | 37                        | 6 063               | 240 454            | 3 224               | 6 370         | 85 472                | 640 263                           | 679 199                            | 1 299 897                            | 34 363          |
| 339114                   | Dental equipment and supplies manufacturing ....                             | '3                              | '32    | '8                        | '804                | '32 862            | '483                | '890          | '14 575               | '101 480                          | '48 997                            | '149 951                             | '3 087          |
| 339115                   | Ophthalmic goods manufacturing .....   | 1                               | 35     | 7                         | 671                 | 19 245             | 533                 | 867           | 13 144                | 62 011                            | 24 052                             | 86 312                               | 2 499           |
| 339116                   | Dental laboratories .....  | 2                               | 231    | 20                        | 1 869               | 58 835             | 1 406               | 2 751         | 40 828                | 127 956                           | 26 521                             | 153 954                              | 6 508           |
| 3399                     | Other miscellaneous manufacturing .....                                      | 1                               | '827   | '188                      | '20 198             | '698 130           | '13 674             | '25 771       | '368 107              | '1 924 598                        | '1 298 544                         | '3 239 417                           | '79 053         |
| 33991                    | Jewelry and silverware manufacturing .....                                   | 1                               | 79     | 12                        | 1 002               | 33 179             | 658                 | 1 345         | 15 717                | 78 761                            | 102 893                            | 186 992                              | 2 412           |
| 339911                   | Jewelry (except costume) manufacturing .....                                 | 1                               | 52     | 9                         | 799                 | 27 436             | 526                 | 1 094         | 12 943                | 69 775                            | 89 624                             | 162 584                              | 1 644           |
| 339913                   | Jewelers' material and lapidary work manufacturing .....                     | 4                               | 9      | 2                         | 123                 | 3 782              | 81                  | 161           | 1 792                 | 3 084                             | 8 941                              | 13 628                               | 378             |
| 33992                    | Sporting and athletic goods manufacturing .....                              | 3                               | 70     | 22                        | 2 302               | 71 099             | 1 706               | 3 182         | 38 999                | 235 836                           | 196 917                            | 435 858                              | 10 959          |
| 339920                   | Sporting and athletic goods manufacturing .....                              | 3                               | 70     | 22                        | 2 302               | 71 099             | 1 706               | 3 182         | 38 999                | 235 836                           | 196 917                            | 435 858                              | 10 959          |
| 33993                    | Doll, toy, and game manufacturing .....                                      | 1                               | 52     | 16                        | 1 207               | 36 442             | 769                 | 1 407         | 16 337                | 101 725                           | 90 007                             | 191 349                              | 2 061           |
| 339932                   | Game, toy, and children's vehicle manufacturing ....                         | 1                               | 43     | 14                        | 1 110               | 33 916             | 705                 | 1 287         | 15 055                | 96 189                            | 83 534                             | 179 371                              | 1 951           |
| 33994                    | Office supplies (except paper) manufacturing .....                           | —                               | 33     | 13                        | 2 173               | 92 192             | 1 231               | 2 294         | 37 113                | 397 931                           | 209 362                            | 614 076                              | 14 085          |
| 339941                   | Pen and mechanical pencil manufacturing .....                                | —                               | 4      | 4                         | 185                 | 6 205              | 123                 | 234           | 3 222                 | 17 847                            | 13 986                             | 31 346                               | D               |
| 339942                   | Lead pencil and art good manufacturing .....                                 | —                               | 4      | 4                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339943                   | Marking device manufacturing .....   | 2                               | 15     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339944                   | Carbon paper and inked ribbon manufacturing .....                            | 1                               | 10     | 4                         | 326                 | 12 546             | 215                 | 487           | 7 626                 | 23 077                            | 61 607                             | 85 416                               | D               |
| 33995                    | Sign manufacturing .....   | 1                               | 239    | 41                        | 3 842               | 136 164            | 2 661               | 4 996         | 79 398                | 306 549                           | 191 197                            | 501 222                              | 7 541           |
| 339950                   | Sign manufacturing .....   | 1                               | 239    | 41                        | 3 842               | 136 164            | 2 661               | 4 996         | 79 398                | 306 549                           | 191 197                            | 501 222                              | 7 541           |

**Table 1. Industry Statistics for the State: 2002—Con.**

[Includes data for industry groups and industries with 100 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry                            | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|--------------------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                          |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>PENNSYLVANIA—Con.</b> |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 339                      | Miscellaneous manufacturing—Con.                        |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3399                     | Other miscellaneous manufacturing—Con.                  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 33999                    | All other miscellaneous manufacturing .....             | 2                               | '354  | '84                       | '9 672              | '329 054           | '6 649              | '12 547       | '180 543              | '803 796                          | '508 168                           | '1 309 920                           | '41 995         |
| 339991                   | Gasket, packing, and sealing device manufacturing ..... | 4                               | 36    | 13                        | 1 377               | 54 152             | 838                 | 1 627         | 23 526                | 99 424                            | 63 527                             | 163 919                              | 5 103           |
| 339992                   | Musical instrument manufacturing .....                  | —                               | 20    | 7                         | 1 372               | 49 927             | 1 054               | 1 885         | 34 218                | 100 963                           | 49 421                             | 149 759                              | 6 557           |
| 339994                   | Broom, brush, and mop manufacturing .....               | 4                               | 14    | 8                         | 1 052               | 35 068             | 766                 | 1 647         | 19 429                | 94 591                            | 61 127                             | 151 221                              | D               |
| 339995                   | Burial casket manufacturing .                           | —                               | 9     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339999                   | All other miscellaneous manufacturing .....             | 1                               | '273  | '51                       | '5 341              | '172 360           | '3 553              | '6 443        | '90 570               | '459 051                          | '310 893                           | '772 290                             | '26 852         |

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 100 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 100 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: c–100 to 249 employees; e–250 to 499 employees; f–500 to 999 employees; g–1,000 to 2,499 employees, h–2,500 to 4,999 employees; i–5,000 to 9,999 employees; j–10,000 to 24,999 employees; k–25,000 to 49,999 employees; l–50,000 to 99,999 employees; m–100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry                                     | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA</b> |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....  | 1  | 690                             | 232                       | 31 516              | 1 152 294         | 23 982              | 48 235        | 808 237         | 3 629 490             | 3 677 479                         | 7 325 829                          | 198 068                              |
| 311        | Food manufacturing .....   | -  | 77                              | 28                        | 7 515               | 298 693           | 6 343               | 13 104        | 245 925         | 1 536 752             | 1 583 181                         | 3 122 895                          | 69 350                               |
| 3111       | Animal food manufacturing .....                                  | -  | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31111      | Animal food manufacturing ....                                   | -  | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113       | Sugar and confectionery product manufacturing .....              | -  | 13                              | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31132      | Chocolate and confectionery manufacturing from cacao beans ..... | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311320     | Chocolate and confectionery manufacturing from cacao beans ..... | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133      | Confectionery manufacturing from purchased chocolate ...         | -  | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311330     | Confectionery manufacturing from purchased chocolate ..          | -  | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115       | Dairy product manufacturing .....                                | 2  | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31151      | Dairy product (except frozen) manufacturing .....                | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311511     | Fluid milk manufacturing ....                                    | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116       | Animal slaughtering and processing .....                         | -  | 14                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161      | Animal slaughtering and processing .....                         | -  | 14                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311612     | Meat processed from carcasses .....                              | -  | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615     | Poultry processing .....   | -  | 3                               | 3                         | 1 175               | 28 867            | 1 090               | 2 149         | 24 365          | 52 077                | 99 010                            | 148 872                            | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....                        | -  | 21                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181      | Bread and bakery product manufacturing .....                     | -  | 20                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812     | Commercial bakeries .....  | -  | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119       | Other food manufacturing .....                                   | 2  | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31199      | All other food manufacturing ...                                 | 1  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311991     | Perishable prepared food manufacturing .....                     | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....  | 8  | 8                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132       | Fabric mills .....   | 9  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31321      | Broadwoven fabric mills .....                                    | 9  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313210     | Broadwoven fabric mills .....                                    | 9  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314        | Textile product mills .....                                      | -  | 20                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 037                                |
| 3141       | Textile furnishings mills .....                                  | -  | 12                              | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31411      | Carpet and rug mills .....                                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314110     | Carpet and rug mills .....                                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412      | Curtain and linen mills .....                                    | -  | 11                              | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129     | Other household textile product mills .....                      | -  | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315        | Apparel manufacturing .....                                      | 4  | 24                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152       | Cut and sew apparel manufacturing .....                          | 3  | 20                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....                                 | 1  | 36                              | 9                         | 1 376               | 49 579            | 1 105               | 2 415         | 34 351          | 67 518                | 143 289                           | 210 297                            | D                                    |
| 3211       | Sawmills and wood preservation .                                 | 2  | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32111      | Sawmills and wood preservation .....                             | 2  | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321113     | Sawmills .....   | 2  | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....                           | 1  | 25                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing .....                       | -  | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321992     | Prefabricated wood building manufacturing .....                  | -  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....  | -  | 10                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....                      | -  | 8                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229      | Other converted paper product manufacturing .....                | -  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322299     | All other converted paper product manufacturing .....            | -  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 323   | Printing and related support activities .....                                    | -              | 90                              | 24                        | 2 915               | 92 505            | 2 045               | 4 111         | 64 466          | 207 024               | 104 425                           | 312 920                            | 8 308                                |
| 3231  | Printing and related support activities .....                                    | -              | 90                              | 24                        | 2 915               | 92 505            | 2 045               | 4 111         | 64 466          | 207 024               | 104 425                           | 312 920                            | 8 308                                |
| 32311   | Printing .....   | -              | 82                              | 23                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110  | Commercial lithographic printing .....   | -              | 39                              | 16                        | 2 359               | 76 339            | 1 639               | 3 392         | 53 992          | 163 983               | 88 395                            | 253 912                            | 7 594                                |
| 325   | Chemical manufacturing .....   | -              | 14                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254  | Pharmaceutical and medicine manufacturing .....                                  | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541   | Pharmaceutical and medicine manufacturing .....                                  | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412  | Pharmaceutical preparation manufacturing .....                                   | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326   | Plastics and rubber products manufacturing .....                                 | 3              | 30                              | 17                        | 3 054               | 104 259           | 2 351               | 4 798         | 73 525          | 296 067               | 408 348                           | 705 524                            | 21 780                               |
| 3261  | Plastics product manufacturing ..  | -              | 24                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611   | Plastics packaging materials and un laminated film and sheet manufacturing ..... | -              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32612   | Plastics pipe, pipe fitting, and un laminated profile shape manufacturing .....  | -              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 374                                |
| 326121  | Un laminated plastics profile shape manufacturing .....                          | -              | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....                                       | -              | 11                              | 6                         | 1 006               | 34 285            | 897                 | 1 877         | 27 970          | 102 542               | 100 287                           | 202 065                            | 2 970                                |
| 326199  | All other plastics product manufacturing .....                                   | -              | 11                              | 6                         | 1 006               | 34 285            | 897                 | 1 877         | 27 970          | 102 542               | 100 287                           | 202 065                            | 2 970                                |
| 3262  | Rubber product manufacturing ...   | 6              | 6                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32621   | Tire manufacturing .....   | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326211  | Tire manufacturing (except retreading) .....                                     | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629   | Other rubber product manufacturing .....   | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299  | All other rubber product manufacturing .....                                     | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....                                  | -              | 34                              | 8                         | 1 040               | 41 146            | 819                 | 1 591         | 30 081          | 122 549               | 116 980                           | 241 010                            | 7 332                                |
| 3272  | Glass and glass product manufacturing .....                                      | -              | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721   | Glass and glass product manufacturing .....                                      | -              | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327211  | Flat glass manufacturing ....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273  | Cement and concrete product manufacturing .....                                  | 1              | 20                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331   | Primary metal manufacturing .....  | -              | 16                              | 13                        | 1 901               | 68 018            | 1 543               | 2 641         | 50 250          | 130 727               | 173 819                           | 307 231                            | 9 742                                |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....                          | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....                          | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111  | Iron and steel mills .....   | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315  | Foundries .....  | 1              | 10                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151   | Ferrous metal foundries .....  | 1              | 8                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331513  | Steel foundries (except investment) .....  | -              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                                     | 1              | 102                             | 29                        | 2 303               | 83 035            | 1 643               | 3 244         | 52 739          | 231 722               | 147 604                           | 389 586                            | 7 236                                |
| 3323  | Architectural and structural metals manufacturing .....                          | 2              | 33                              | 12                        | 854                 | 31 539            | 536                 | 1 006         | 17 372          | 98 611                | 49 866                            | 148 603                            | 2 235                                |
| 33231   | Plate work and fabricated structural product manufacturing .....                 | 1              | 18                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332312  | Fabricated structural metal manufacturing .....                                  | -              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232   | Ornamental and architectural metal products manufacturing .....                  | 4              | 15                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332322  | Sheet metal work manufacturing .....   | 3              | 11                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3326  | Spring and wire product manufacturing .....                                      | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33261   | Spring and wire product manufacturing .....                                      | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332611  | Spring (heavy gauge) manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA—Con.</b>                              |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                        | 1  | 43                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33271      | Machine shops .....  | 1  | 40                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332710     | Machine shops .....  | 1  | 40                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....  | —  | 46                              | 25                        | 1 959               | 81 519            | 1 129               | 2 432         | 42 111          | 154 565               | 141 922                           | 307 146                            | 10 438                               |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....                                | —  | 8                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3332       | Industrial machinery manufacturing .....   | —  | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33329      | Other industrial machinery manufacturing .....   | —  | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | —  | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | —  | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333414     | Heating equipment (except warm air furnaces) manufacturing .....                                   | —  | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3335       | Metalworking machinery manufacturing .....   | 3  | 22                              | 8                         | 725                 | 24 332            | 471                 | 976           | 15 926          | 51 351                | 14 357                            | 65 478                             | D                                    |
| 33351      | Metalworking machinery manufacturing .....   | 3  | 22                              | 8                         | 725                 | 24 332            | 471                 | 976           | 15 926          | 51 351                | 14 357                            | 65 478                             | D                                    |
| 333515     | Cutting tool and machine tool accessory manufacturing .....  | 2  | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....  | 1  | 25                              | 11                        | 1 066               | 37 762            | 643                 | 1 200         | 18 313          | 81 612                | 52 178                            | 132 064                            | 3 787                                |
| 3344       | Semiconductor and other electronic component manufacturing .....                                   | 1  | 13                              | 9                         | 916                 | 32 243            | 542                 | 1 067         | 15 813          | 71 977                | 43 111                            | 113 281                            | 3 146                                |
| 33441      | Semiconductor and other electronic component manufacturing .....                                   | 1  | 13                              | 9                         | 916                 | 32 243            | 542                 | 1 067         | 15 813          | 71 977                | 43 111                            | 113 281                            | 3 146                                |
| 334419     | Other electronic component manufacturing .....   | 2  | 7                               | 4                         | 492                 | 17 618            | 191                 | 368           | 4 907           | 38 271                | 17 643                            | 53 989                             | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....                                 | 1  | 8                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353       | Electrical equipment manufacturing .....   | 9  | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531      | Electrical equipment manufacturing .....   | 9  | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335312     | Motor and generator manufacturing .....  | 9  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359       | Other electrical equipment and component manufacturing .....                                       | —  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593      | Wiring device manufacturing .....  | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931     | Current-carrying wiring device manufacturing .....   | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....   | —  | 20                              | 9                         | 986                 | 34 092            | 796                 | 1 545         | 24 351          | 61 794                | 78 177                            | 139 665                            | 1 994                                |
| 3362       | Motor vehicle body and trailer manufacturing .....   | —  | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621      | Motor vehicle body and trailer manufacturing .....   | —  | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211     | Motor vehicle body manufacturing .....   | —  | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363       | Motor vehicle parts manufacturing .....  | —  | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....  | 4  | 49                              | 14                        | 1 129               | 33 775            | 845                 | 1 501         | 20 120          | 82 663                | 63 257                            | 149 444                            | 5 281                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing .....                      | 6  | 40                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711      | Wood kitchen cabinet and countertop manufacturing .....  | 4  | 19                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110     | Wood kitchen cabinet and countertop manufacturing .....  | 4  | 19                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712      | Household and institutional furniture manufacturing .....  | 8  | 21                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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| NAICS code  | Geographic area and industry                                     | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |         |
|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|---------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |         |
| <b>HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 339   | Miscellaneous manufacturing .....                                | 2              | 64                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 625                                |         |
| 3391  | Medical equipment and supplies manufacturing .....               | 2              | 33                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 975                                  |         |
| 33911   | Medical equipment and supplies manufacturing .....               | 2              | 33                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 975                                  |         |
| 3399  | Other miscellaneous manufacturing .....                          | 2              | 31                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 650                                |         |
| 33999   | All other miscellaneous manufacturing .....                      | —              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 339999  | All other miscellaneous manufacturing .....                      | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| <b>Harrisburg-Carlisle, PA Metropolitan Statistical Area</b>          |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 31-33   | Manufacturing .....  | 1              | 471                             | 154                       |                     | 21 903            | 826 429             | 16 704        | 34 022          | 596 015               | 2 811 718                         | 2 772 718                          | 5 605 909                            | 115 006 |
| 311   | Food manufacturing .....   | —              | 53                              | 20                        |                     | 5 700             | 249 802             | 4 794         | 10 024          | 210 036               | 1 424 109                         | 1 377 293                          | 2 811 516                            | 48 369  |
| 3111  | Animal food manufacturing .....                                  | —              | 5                               | 3                         |                     | 315               | 12 726              | 214           | 451             | 7 817                 | 201 581                           | 218 591                            | 412 739                              | 7 203   |
| 31111   | Animal food manufacturing ....                                   | —              | 5                               | 3                         |                     | 315               | 12 726              | 214           | 451             | 7 817                 | 201 581                           | 218 591                            | 412 739                              | 7 203   |
| 3113  | Sugar and confectionery product manufacturing .....              | —              | 9                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 31132   | Chocolate and confectionery manufacturing from cacao beans ..... | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 311320  | Chocolate and confectionery manufacturing from cacao beans ..... | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 31133   | Confectionery manufacturing from purchased chocolate ...         | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 311330  | Confectionery manufacturing from purchased chocolate ..          | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3115  | Dairy product manufacturing .....                                | 2              | 6                               | 4                         |                     | 703               | 23 620              | 522           | 1 086           | 17 427                | 70 117                            | 299 738                            | 376 042                              | 6 807   |
| 31151   | Dairy product (except frozen) manufacturing .....                | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3118  | Bakeries and tortilla manufacturing .....                        | —              | 18                              | 5                         |                     | 551               | 15 698              | 443           | 812             | 12 683                | 67 993                            | 32 526                             | 100 253                              | 619     |
| 31181   | Bread and bakery product manufacturing .....                     | —              | 18                              | 5                         |                     | 551               | 15 698              | 443           | 812             | 12 683                | 67 993                            | 32 526                             | 100 253                              | 619     |
| 311812  | Commercial bakeries .....  | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3119  | Other food manufacturing .....                                   | 2              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 31199   | All other food manufacturing ...                                 | 2              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 311991  | Perishable prepared food manufacturing .....                     | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 313   | Textile mills .....  | 9              | 6                               | 2                         |                     | 566               | 14 904              | 516           | 1 025           | 12 413                | 31 581                            | 35 439                             | 67 014                               | 1 402   |
| 3132  | Fabric mills .....   | 9              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 31321   | Broadwoven fabric mills .....                                    | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 313210  | Broadwoven fabric mills .....                                    | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 314   | Textile product mills .....                                      | —              | 16                              | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | 931     |
| 3141  | Textile furnishings mills .....                                  | —              | 9                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 31411   | Carpet and rug mills .....                                       | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 314110  | Carpet and rug mills .....                                       | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 321   | Wood product manufacturing .....                                 | 3              | 27                              | 6                         |                     | 702               | 22 683              | 554           | 1 137           | 15 265                | 43 974                            | 65 238                             | 109 200                              | 2 034   |
| 3219  | Other wood product manufacturing .....                           | 1              | 20                              | 5                         |                     | 586               | 18 586              | 451           | 914             | 11 765                | 36 168                            | 47 525                             | 83 681                               | 1 163   |
| 32199   | All other wood product manufacturing .....                       | —              | 10                              | 2                         |                     | 410               | 13 290              | 330           | 671             | 8 964                 | 29 296                            | 29 008                             | 57 755                               | 586     |
| 321992  | Prefabricated wood building manufacturing .....                  | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 322   | Paper manufacturing .....  | —              | 6                               | 5                         |                     | 544               | 18 853              | 365           | 788             | 10 589                | 45 513                            | 27 008                             | 70 623                               | 1 482   |
| 3222  | Converted paper product manufacturing .....                      | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 32229   | Other converted paper product manufacturing .....                | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 322299  | All other converted paper product manufacturing .....            | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 323   | Printing and related support activities .....                    | —              | 74                              | 19                        |                     | 2 319             | 79 595              | 1 696         | 3 663           | 58 126                | 186 010                           | 87 782                             | 275 206                              | 7 756   |
| 3231  | Printing and related support activities .....                    | —              | 74                              | 19                        |                     | 2 319             | 79 595              | 1 696         | 3 663           | 58 126                | 186 010                           | 87 782                             | 275 206                              | 7 756   |
| 32311   | Printing .....   | —              | 68                              | 18                        |                     | 2 230             | 77 210              | 1 627         | 3 548           | 56 697                | 181 615                           | 86 995                             | 270 018                              | 7 620   |
| 323110  | Commercial lithographic printing .....                           | —              | 30                              | 12                        |                     | 1 863             | 66 757              | 1 365         | 3 100           | 50 224                | 149 281                           | 75 159                             | 225 933                              | 7 102   |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Harrisburg-Carlisle, PA Metropolitan Statistical Area—Con.</b>     |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326   | Plastics and rubber products manufacturing .....                               | 3              | 23                              | 15                        | 2 788               | 94 927            | 2 122               | 4 357         | 65 973          | 260 533               | 368 855                           | 629 500                            | 20 535                               |
| 3261  | Plastics product manufacturing ..  | —              | 17                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32612   | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing ..... | —              | 4                               | 3                         | 348                 | 11 380            | 314                 | 662           | 9 323           | 21 497                | 43 674                            | 66 263                             | 4 267                                |
| 326121  | Unlaminated plastics profile shape manufacturing .....                         | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....                                     | —              | 11                              | 6                         | 1 006               | 34 285            | 897                 | 1 877         | 27 970          | 102 542               | 100 287                           | 202 065                            | 2 970                                |
| 326199  | All other plastics product manufacturing .....                                 | —              | 11                              | 6                         | 1 006               | 34 285            | 897                 | 1 877         | 27 970          | 102 542               | 100 287                           | 202 065                            | 2 970                                |
| 3262  | Rubber product manufacturing ...   | 6              | 6                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32621   | Tire manufacturing .....   | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326211  | Tire manufacturing (except retreading) .....                                   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629   | Other rubber product manufacturing .....                                       | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299  | All other rubber product manufacturing .....                                   | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....                                | —              | 24                              | 5                         | 736                 | 30 833            | 588                 | 1 110         | 22 699          | 98 126                | 101 183                           | 200 446                            | 4 093                                |
| 3272  | Glass and glass product manufacturing .....                                    | —              | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721   | Glass and glass product manufacturing .....                                    | —              | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327211  | Flat glass manufacturing ....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331   | Primary metal manufacturing .....  | —              | 5                               | 4                         | 1 237               | 50 654            | 1 014               | 1 761         | 37 480          | 79 151                | 116 338                           | 195 074                            | 2 702                                |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....                        | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....                        | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111  | Iron and steel mills .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315  | Foundries .....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151   | Ferrous metal foundries .....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                                   | —              | 61                              | 18                        | 1 430               | 51 325            | 1 066               | 2 134         | 33 571          | 135 068               | 104 530                           | 249 213                            | 4 434                                |
| 3326  | Spring and wire product manufacturing .....                                    | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33261   | Spring and wire product manufacturing .....                                    | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332611  | Spring (heavy gauge) manufacturing .....                                       | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327  | Machine shops; turned product; and screw, nut, and bolt manufacturing .....    | 1              | 21                              | 5                         | 267                 | 8 976             | 205                 | 412           | 6 304           | 18 371                | 5 652                             | 23 449                             | 782                                  |
| 333   | Machinery manufacturing .....  | 1              | 30                              | 17                        | 1 357               | 54 114            | 862                 | 1 871         | 32 966          | 108 301               | 102 119                           | 211 920                            | 7 396                                |
| 3335  | Metalworking machinery manufacturing .....                                     | 3              | 16                              | 7                         | 653                 | 21 702            | 419                 | 886           | 14 048          | 47 151                | 13 243                            | 60 165                             | 1 784                                |
| 33351   | Metalworking machinery manufacturing .....                                     | 3              | 16                              | 7                         | 653                 | 21 702            | 419                 | 886           | 14 048          | 47 151                | 13 243                            | 60 165                             | 1 784                                |
| 333515  | Cutting tool and machine tool accessory manufacturing...                       | 2              | 8                               | 4                         | 500                 | 14 359            | 319                 | 686           | 9 952           | 31 941                | 7 155                             | 39 014                             | 1 148                                |
| 334   | Computer and electronic product manufacturing .....                            | 1              | 25                              | 11                        | 1 066               | 37 762            | 643                 | 1 200         | 18 313          | 81 612                | 52 178                            | 132 064                            | 3 787                                |
| 3344  | Semiconductor and other electronic component manufacturing .....               | 1              | 13                              | 9                         | 916                 | 32 243            | 542                 | 1 067         | 15 813          | 71 977                | 43 111                            | 113 281                            | 3 146                                |
| 33441   | Semiconductor and other electronic component manufacturing .....               | 1              | 13                              | 9                         | 916                 | 32 243            | 542                 | 1 067         | 15 813          | 71 977                | 43 111                            | 113 281                            | 3 146                                |
| 334419  | Other electronic component manufacturing .....                                 | 2              | 7                               | 4                         | 492                 | 17 618            | 191                 | 368           | 4 907           | 38 271                | 17 643                            | 53 989                             | D                                    |
| 335   | Electrical equipment, appliance, and component manufacturing .....             | 7              | 6                               | 2                         | 347                 | 12 186            | 265                 | 562           | 8 882           | 18 877                | 14 798                            | 33 687                             | D                                    |
| 3353  | Electrical equipment manufacturing .....                                       | 9              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531   | Electrical equipment manufacturing .....                                       | 9              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335312  | Motor and generator manufacturing .....  | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry                                     | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Harrisburg-Carlisle, PA Metropolitan Statistical Area—Con.</b>     |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336   | Transportation equipment manufacturing .....                     | —              | 12                              | 5                         | 460                 | 18 664            | 331                 | 627           | 11 432          | 34 187                | 45 417                            | 79 943                             | 722                                  |
| 337   | Furniture and related product manufacturing .....                | 2              | 22                              | 5                         | 332                 | 9 331             | 247                 | 422           | 6 091           | 23 104                | 19 996                            | 43 773                             | 2 782                                |
| 339   | Miscellaneous manufacturing .....                                | 2              | 52                              | 13                        | 778                 | 23 377            | 596                 | 1 094         | 14 718          | 57 035                | 36 499                            | 93 051                             | 2 302                                |
| 3391  | Medical equipment and supplies manufacturing .....               | 2              | 28                              | 7                         | 339                 | 10 849            | 240                 | 407           | 6 917           | 19 523                | 7 282                             | 26 772                             | 866                                  |
| 33911   | Medical equipment and supplies manufacturing .....               | 2              | 28                              | 7                         | 339                 | 10 849            | 240                 | 407           | 6 917           | 19 523                | 7 282                             | 26 772                             | 866                                  |
| 3399  | Other miscellaneous manufacturing .....                          | 2              | 24                              | 6                         | 439                 | 12 528            | 356                 | 687           | 7 801           | 37 512                | 29 217                            | 66 279                             | 1 436                                |
| 33999   | All other miscellaneous manufacturing .....                      | —              | 7                               | 3                         | 313                 | 8 550             | 258                 | 504           | 5 457           | 25 433                | 19 808                            | 44 986                             | 1 040                                |
| 339999  | All other miscellaneous manufacturing .....                      | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>Lebanon, PA Metropolitan Statistical Area</b>                      |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....  | —              | 219                             | 78                        | 9 613               | 325 865           | 7 278               | 14 213        | 212 222         | 817 772               | 904 761                           | 1 719 920                          | 83 062                               |
| 311   | Food manufacturing .....   | —              | 24                              | 8                         | 1 815               | 48 891            | 1 549               | 3 080         | 35 889          | 112 643               | 205 888                           | 311 379                            | 20 981                               |
| 3116  | Animal slaughtering and processing .....                         | —              | 10                              | 7                         | 1 562               | 39 539            | 1 420               | 2 841         | 32 269          | 79 390                | 146 292                           | 218 390                            | 19 906                               |
| 31161   | Animal slaughtering and processing .....                         | —              | 10                              | 7                         | 1 562               | 39 539            | 1 420               | 2 841         | 32 269          | 79 390                | 146 292                           | 218 390                            | 19 906                               |
| 311612  | Meat processed from carcasses .....                              | —              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615  | Poultry processing .....   | —              | 3                               | 3                         | 1 175               | 28 867            | 1 090               | 2 149         | 24 365          | 52 077                | 99 010                            | 148 872                            | D                                    |
| 314   | Textile product mills .....                                      | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 106                                  |
| 3141  | Textile furnishings mills .....                                  | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412   | Curtain and linen mills .....                                    | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129  | Other household textile product mills .....                      | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....                                 | —              | 9                               | 3                         | 674                 | 26 896            | 551                 | 1 278         | 19 086          | 23 544                | 78 051                            | 101 097                            | D                                    |
| 3211  | Sawmills and wood preservation .....                             | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32111   | Sawmills and wood preservation .....                             | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321113  | Sawmills .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323   | Printing and related support activities .....                    | —              | 16                              | 5                         | 596                 | 12 910            | 349                 | 448           | 6 340           | 21 014                | 16 643                            | 37 714                             | 552                                  |
| 3231  | Printing and related support activities .....                    | —              | 16                              | 5                         | 596                 | 12 910            | 349                 | 448           | 6 340           | 21 014                | 16 643                            | 37 714                             | 552                                  |
| 32311   | Printing .....   | —              | 14                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110  | Commercial lithographic printing .....                           | —              | 9                               | 4                         | 496                 | 9 582             | 274                 | 292           | 3 768           | 14 702                | 13 236                            | 27 979                             | 492                                  |
| 325   | Chemical manufacturing .....                                     | —              | 8                               | 4                         | 773                 | 40 415            | 494                 | 1 104         | 22 198          | 80 665                | 141 160                           | 217 214                            | 17 170                               |
| 3254  | Pharmaceutical and medicine manufacturing .....                  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541   | Pharmaceutical and medicine manufacturing .....                  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412  | Pharmaceutical preparation manufacturing .....                   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326   | Plastics and rubber products manufacturing .....                 | —              | 7                               | 2                         | 266                 | 9 332             | 229                 | 441           | 7 552           | 35 534                | 39 493                            | 76 024                             | 1 245                                |
| 3261  | Plastics product manufacturing .....                             | —              | 7                               | 2                         | 266                 | 9 332             | 229                 | 441           | 7 552           | 35 534                | 39 493                            | 76 024                             | 1 245                                |
| 327   | Nonmetallic mineral product manufacturing .....                  | —              | 10                              | 3                         | 304                 | 10 313            | 231                 | 481           | 7 382           | 24 423                | 15 797                            | 40 564                             | 3 239                                |
| 331   | Primary metal manufacturing .....                                | —              | 11                              | 9                         | 664                 | 17 364            | 529                 | 880           | 12 770          | 51 576                | 57 481                            | 112 157                            | 7 040                                |
| 3315  | Foundries .....  | 1              | 7                               | 6                         | 499                 | 11 244            | 427                 | 650           | 8 514           | 37 160                | 15 155                            | 51 478                             | 1 478                                |
| 33151   | Ferrous metal foundries .....                                    | 2              | 5                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                     | 2              | 41                              | 11                        | 873                 | 31 710            | 577                 | 1 110         | 19 168          | 96 654                | 43 074                            | 140 373                            | 2 802                                |
| 3323  | Architectural and structural metals manufacturing .....          | 2              | 15                              | 7                         | 607                 | 21 836            | 358                 | 657           | 11 536          | 76 837                | 33 448                            | 110 892                            | 1 467                                |
| 33231   | Plate work and fabricated structural product manufacturing ..... | 1              | 8                               | 3                         | 377                 | 14 429            | 284                 | 516           | 9 638           | 58 876                | 12 430                            | 71 512                             | D                                    |
| 332312  | Fabricated structural metal manufacturing .....                  | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code   | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA—Con.</b>    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Lebanon, PA Metropolitan Statistical Area—Con.</b>                    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333  | Machinery manufacturing .....   | —              | 16                              | 8                         | 602                 | 27 405            | 267                 | 561           | 9 145           | 46 264                | 39 803                            | 95 226                             | 3 042                                |
| 335  | Electrical equipment, appliance, and component manufacturing .....            | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359   | Other electrical equipment and component manufacturing .....                  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593  | Wiring device manufacturing ...   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931   | Current-carrying wiring device manufacturing .....                            | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336  | Transportation equipment manufacturing .....                                  | —              | 8                               | 4                         | 526                 | 15 428            | 465                 | 918           | 12 919          | 27 607                | 32 760                            | 59 722                             | 1 272                                |
| 3362   | Motor vehicle body and trailer manufacturing .....                            | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621  | Motor vehicle body and trailer manufacturing .....                            | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211   | Motor vehicle body manufacturing .....  | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337  | Furniture and related product manufacturing .....                             | 5              | 27                              | 9                         | 797                 | 24 444            | 598                 | 1 079         | 14 029          | 59 559                | 43 261                            | 105 671                            | 2 499                                |
| 3371   | Household and institutional furniture and kitchen cabinet manufacturing ..... | 5              | 24                              | 7                         | 734                 | 23 178            | 546                 | 1 023         | 13 246          | 56 908                | 41 469                            | 101 229                            | D                                    |
| 33711  | Wood kitchen cabinet and countertop manufacturing ...                         | 3              | 11                              | 5                         | 519                 | 16 766            | 404                 | 783           | 10 223          | 39 069                | 13 152                            | 52 312                             | 890                                  |
| 337110   | Wood kitchen cabinet and countertop manufacturing ..                          | 3              | 11                              | 5                         | 519                 | 16 766            | 404                 | 783           | 10 223          | 39 069                | 13 152                            | 52 312                             | 890                                  |
| <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | 2              | '25 878                         | '6 680                    | '717 786            | '29 418 411       | '453 854            | '883 991      | '14 117 951     | '98 410 933           | '70 083 110                       | '168 918 051                       | '4 770 188                           |
| 311  | Food manufacturing .....  | 2              | '2 500                          | '457                      | l                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '266 816                             |
| 3111   | Animal food manufacturing .....   | 1              | 17                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31111  | Animal food manufacturing ...   | 1              | 17                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311119   | Other animal food manufacturing .....   | 4              | 11                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3112   | Grain and oilseed milling .....   | 5              | 17                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31122  | Starch and vegetable fats and oils manufacturing .....                        | 6              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113   | Sugar and confectionery product manufacturing .....                           | 5              | 135                             | 27                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31131  | Sugar manufacturing .....   | 9              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311312   | Cane sugar refining .....   | 9              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133  | Confectionery manufacturing from purchased chocolate ...                      | 2              | 69                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311330   | Confectionery manufacturing from purchased chocolate ..                       | 2              | 69                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31134  | Nonchocolate confectionery manufacturing .....                                | —              | 40                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311340   | Nonchocolate confectionery manufacturing .....                                | —              | 40                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114   | Fruit and vegetable preserving and specialty food manufacturing .....         | 2              | 83                              | 30                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31141  | Frozen food manufacturing ...   | 3              | 43                              | 17                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311412   | Frozen specialty food manufacturing .....                                     | 3              | 37                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142  | Fruit and vegetable canning, pickling, and drying .....                       | 1              | 40                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311421   | Fruit and vegetable canning ..  | —              | 28                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115   | Dairy product manufacturing .....   | 1              | 112                             | 31                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31151  | Dairy product (except frozen) manufacturing .....                             | 1              | 63                              | 24                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311511   | Fluid milk manufacturing ...  | —              | 16                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311513   | Cheese manufacturing .....  | 4              | 32                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31152  | Ice cream and frozen dessert manufacturing .....                              | 4              | 49                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311520   | Ice cream and frozen dessert manufacturing .....                              | 4              | 49                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 311        | Food manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 3116       | Animal slaughtering and processing .....                                      | 2                               | 164   | 55                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31161      | Animal slaughtering and processing .....                                      | 2                               | 164   | 55                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311611     | Animal (except poultry) slaughtering .....                                    | 4                               | 45    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311612     | Meat processed from carcasses .....   | 2                               | 96    | 36                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311615     | Poultry processing .....  | 1                               | 22    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3117       | Seafood product preparation and packaging .....                               | 4                               | 25    | 9                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31171      | Seafood product preparation and packaging .....                               | 4                               | 25    | 9                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311711     | Seafood canning .....   | 4                               | 6     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311712     | Fresh and frozen seafood processing .....                                     | 4                               | 19    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....                                     | 2                               | 1 657 | 198                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31181      | Bread and bakery product manufacturing .....                                  | 2                               | 1 572 | 172                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311811     | Retail bakeries .....   | 4                               | 1 147 | 76                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311812     | Commercial bakeries .....   | 2                               | 399   | 86                        | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311813     | Frozen cakes, pies, and other pastries manufacturing .....                    | 5                               | 26    | 10                        | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31182      | Cookie, cracker, and pasta manufacturing .....                                | 2                               | 81    | 24                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311821     | Cookie and cracker manufacturing .....  | 1                               | 35    | 13                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311822     | Flour mixes and dough purchased flour .....                                   | 5                               | 13    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311823     | Dry pasta manufacturing .....   | 3                               | 33    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3119       | Other food manufacturing .....  | 2                               | 1 290 | 193                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31191      | Snack food manufacturing .....  | 1                               | 21    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311919     | Other snack food manufacturing .....  | 1                               | 16    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31192      | Coffee and tea manufacturing .....  | 2                               | 28    | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311920     | Coffee and tea manufacturing .....  | 2                               | 28    | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31193      | Flavoring syrup and concentrate manufacturing .....                           | 6                               | 25    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311930     | Flavoring syrup and concentrate manufacturing .....                           | 6                               | 25    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31194      | Seasoning and dressing manufacturing .....                                    | 2                               | 52    | 24                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311941     | Mayonnaise, dressing, and other prepared sauce manufacturing .....            | 3                               | 19    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311942     | Spice and extract manufacturing .....   | 1                               | 33    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31199      | All other food manufacturing .....  | 3                               | 1 164 | 135                       | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311991     | Perishable prepared food manufacturing .....                                  | 2                               | 46    | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 311999     | All other miscellaneous food manufacturing .....                              | 3                               | 1 118 | 123                       | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 312        | Beverage and tobacco product manufacturing .....                              | 2                               | 116   | 33                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3121       | Beverage manufacturing .....  | 2                               | 108   | 32                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31211      | Soft drink and ice manufacturing .....  | 2                               | 67    | 23                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 312111     | Soft drink manufacturing .....  | 2                               | 38    | 20                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 312113     | Ice manufacturing .....   | 8                               | 23    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31212      | Breweries .....   | —                               | 7     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 312120     | Breweries .....   | —                               | 7     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31213      | Wineries .....  | 3                               | 31    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 312130     | Wineries .....  | 3                               | 31    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....   | 3                               | 613   | 169                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3131       | Fiber, yarn, and thread mills .....   | —                               | 34    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31311      | Fiber, yarn, and thread mills .....   | —                               | 34    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 313112     | Yarn texturizing, throwing, and twisting mills .....                          | —                               | 7     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3132       | Fabric mills .....  | 3                               | 262   | 59                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31321      | Broadwoven fabric mills .....   | 4                               | 68    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 313210     | Broadwoven fabric mills .....   | 4                               | 68    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31322      | Narrow fabric mills and schiffli machine embroidery .....                     | 1                               | 74    | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 313221     | Narrow fabric mills .....   | 2                               | 24    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 313222     | Schiffli machine embroidery .....   | 1                               | 50    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31323      | Nonwoven fabric mills .....   | 3                               | 24    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 313230     | Nonwoven fabric mills .....   | 3                               | 24    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |

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|------------|---|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|-------|
|            |   | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |       |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>             |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |       |
| 313        | Textile mills—Con.  |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |       |
| 3132       | Fabric mills—Con.   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |       |
| 31324      | Knit fabric mills .....   | 4                               | 96     | 29                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |       |
| 313241     | Weft knit fabric mills .....  | 3                               | 47     | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |       |
| 313249     | Other knit fabric and lace mills .....  | 4                               | 49     | 17                        |                     | 993                | 27 848              | 805           | 1 628                 | 17 271                            | 76 538                             | 63 896                               | 140 858         | 3 157 |
| 3133       | Textile and fabric finishing and fabric coating mills .....                               | 4                               | 317    | 100                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31331      | Textile and fabric finishing mills .....  | 4                               | 289    | 85                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 313311     | Broadwoven fabric finishing mills .....   | 4                               | 204    | 59                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 313312     | Textile and fabric finishing (except broadwoven fabric) mills .....                       | 5                               | 85     | 26                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31332      | Fabric coating mills .....  | 1                               | 28     | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 313320     | Fabric coating mills .....  | 1                               | 28     | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 314        | Textile product mills .....   | 3                               | '606   | '122                      | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 3141       | Textile furnishings mills .....   | 2                               | 260    | 55                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31411      | Carpet and rug mills .....  | 5                               | 15     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 314110     | Carpet and rug mills .....  | 5                               | 15     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31412      | Curtain and linen mills .....   | 2                               | 245    | 52                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 314121     | Curtain and drapery mills .....   | 3                               | 155    | 24                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 314129     | Other household textile product mills .....   | 2                               | 90     | 28                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 3149       | Other textile product mills .....   | 3                               | '346   | '67                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31491      | Textile bag and canvas mills ..   | 3                               | '134   | '21                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 314911     | Textile bag mills .....   | 2                               | 21     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 314912     | Canvas and related product mills .....  | 3                               | '113   | '16                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31499      | All other textile product mills ..  | 3                               | 212    | 46                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 314999     | All other miscellaneous textile product mills .....                                       | 3                               | 207    | 45                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315        | Apparel manufacturing .....   | 4                               | '2 821 | '587                      | l                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 3151       | Apparel knitting mills .....  | 3                               | 183    | 47                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31519      | Other apparel knitting mills ....   | 3                               | 168    | 46                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315191     | Outerwear knitting mills .....  | 3                               | 162    | 46                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 3152       | Cut and sew apparel manufacturing .....   | 4                               | '2 348 | '479                      | k                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31521      | Cut and sew apparel contractors .....   | 6                               | 1 517  | 242                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315211     | Men's and boys' cut and sew apparel contractors .....                                     | 6                               | 134    | 24                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....                       | 6                               | 1 383  | 218                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                                   | 3                               | 117    | 38                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315222     | Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....                  | 3                               | 57     | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315223     | Men's and boys' cut and sew shirt (except work shirt) manufacturing .....                 | 3                               | 18     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 251             |       |
| 315224     | Men's and boys' cut and sew trouser, slack, and jean manufacturing .....                  | 1                               | 9      | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315228     | Men's and boys' cut and sew other outerwear manufacturing .....                           | 3                               | 25     | 9                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                                | 3                               | '556   | '173                      | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315231     | Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....    | 2                               | 34     | 12                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315232     | Women's and girls' cut and sew blouse and shirt manufacturing .....                       | 6                               | 70     | 21                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 994           |       |
| 315233     | Women's and girls' cut and sew dress manufacturing, ...                                   | 4                               | '201   | '66                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315234     | Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing ..... | 2                               | 70     | 25                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |
| 315239     | Women's and girls' cut and sew other outerwear manufacturing .....                        | 3                               | 181    | 49                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |       |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>     |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 315        | Apparel manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 3152       | Cut and sew apparel manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 31529      | Other cut and sew apparel manufacturing . . . . .                                 | 3                               | 158   | 26                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 315291     | Infants' cut and sew apparel manufacturing . . . . .                              | 3                               | 7     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 315292     | Fur and leather apparel manufacturing . . . . .                                   | 6                               | 82    | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 315299     | All other cut and sew apparel manufacturing . . . . .                             | 2                               | 69    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3159       | Apparel accessories and other apparel manufacturing . . . . .                     | 4                               | 290   | 61                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31599      | Apparel accessories and other apparel manufacturing . . . . .                     | 4                               | 290   | 61                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 315991     | Hat, cap, and millinery manufacturing . . . . .                                   | 3                               | 67    | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 315993     | Men's and boys' neckwear manufacturing . . . . .                                  | 1                               | 38    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 315999     | Other apparel accessories and other apparel manufacturing . . . . .               | 5                               | 182   | 28                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 316        | Leather and allied product manufacturing . . . . .                                | 1                               | 163   | 36                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3161       | Leather and hide tanning and finishing . . . . .                                  | 3                               | 28    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31611      | Leather and hide tanning and finishing . . . . .                                  | 3                               | 28    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 316110     | Leather and hide tanning and finishing . . . . .                                  | 3                               | 28    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3162       | Footwear manufacturing . . . . .  | 1                               | 22    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31621      | Footwear manufacturing . . . . .  | 1                               | 22    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 316212     | House slipper manufacturing . . . . .   | —                               | 2     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3169       | Other leather and allied product manufacturing . . . . .                          | 1                               | 113   | 21                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 31699      | Other leather and allied product manufacturing . . . . .                          | 1                               | 113   | 21                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 316991     | Luggage manufacturing . . . . .   | 1                               | 29    | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 316992     | Women's handbag and purse manufacturing . . . . .                                 | 1                               | 34    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 316993     | Personal leather goods (except women's handbag and purse) manufacturing . . . . . | —                               | 23    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 316999     | All other leather goods manufacturing . . . . .                                   | 3                               | 27    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing . . . . .  | 3                               | 424   | 83                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3211       | Sawmills and wood preservation . . . . .  | 2                               | 30    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32111      | Sawmills and wood preservation . . . . .  | 2                               | 30    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321113     | Sawmills . . . . .  | 1                               | 25    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3212       | Veneer, plywood, and engineered wood product manufacturing . . . . .              | 1                               | 20    | 14                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32121      | Veneer, plywood, and engineered wood product manufacturing . . . . .              | 1                               | 20    | 14                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321214     | Truss manufacturing . . . . .   | 1                               | 11    | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321219     | Reconstituted wood product manufacturing . . . . .                                | 1                               | 6     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing . . . . .  | 3                               | 374   | 66                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork . . . . .  | 4                               | 232   | 43                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321911     | Wood window and door manufacturing . . . . .                                      | 2                               | 72    | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321918     | Other millwork (including flooring) . . . . .                                     | 5                               | 141   | 26                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32192      | Wood container and pallet manufacturing . . . . .                                 | 3                               | 57    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321920     | Wood container and pallet manufacturing . . . . .                                 | 3                               | 57    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing . . . . .                                    | 2                               | 85    | 11                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321992     | Prefabricated wood building manufacturing . . . . .                               | 2                               | 17    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 321999     | All other miscellaneous wood product manufacturing . . . . .                      | 2                               | 67    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |

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**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322   | Paper manufacturing .....   | 2  | 426                             | 223                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3221  | Pulp, paper, and paperboard mills .....                                 | 1  | 21                              | 16                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212   | Paper mills .....   | 1  | 12                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121  | Paper (except newsprint) mills .....                                    | 1  | 12                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32213   | Paperboard mills .....  | —  | 9                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322130  | Paperboard mills .....  | —  | 9                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222  | Converted paper product manufacturing .....                             | 2  | 405                             | 207                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221   | Paperboard container manufacturing .....                                | 2  | 185                             | 103                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322211  | Corrugated and solid fiber box manufacturing .....                      | 2  | 105                             | 55                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322212  | Folding paperboard box manufacturing .....                              | 2  | 47                              | 26                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322213  | Setup paperboard box manufacturing .....                                | 1  | 15                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322214  | Fiber can, tube, drum, and similar products manufacturing .....         | 3  | 14                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322215  | Nonfolding sanitary food container manufacturing .....                  | —  | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32222   | Paper bag and coated and treated paper manufacturing .....              | 2  | 102                             | 43                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322222  | Coated and laminated paper manufacturing .....                          | 2  | 65                              | 29                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322224  | Uncoated paper and multiwall bag manufacturing .....                    | —  | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322225  | Laminated aluminum foil manufacturing for flexible packaging uses ..... | 8  | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322226  | Surface-coated paperboard manufacturing .....                           | 1  | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223   | Stationery product manufacturing .....                                  | 2  | 64                              | 31                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322231  | Die-cut paper and paperboard office supplies manufacturing .....        | 4  | 26                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322232  | Envelope manufacturing .....  | —  | 22                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322233  | Stationery, tablet, and related product manufacturing .....             | 4  | 16                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 502                                |
| 32229   | Other converted paper product manufacturing .....                       | 3  | 54                              | 30                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291  | Sanitary paper product manufacturing .....                              | 5  | 16                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322299  | All other converted paper product manufacturing .....                   | 2  | 38                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323   | Printing and related support activities .....                           | 3  | '3 309                          | 613                       | '53 268             | '2 179 816        | '37 960             | '73 328       | '1 348 889      | '4 760 897            | '2 811 792                        | '7 596 654                         | '222 275                             |
| 3231  | Printing and related support activities .....                           | 3  | '3 309                          | 613                       | '53 268             | '2 179 816        | '37 960             | '73 328       | '1 348 889      | '4 760 897            | '2 811 792                        | '7 596 654                         | '222 275                             |
| 32311   | Printing .....  | 3  | 2 899                           | 527                       | k                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110  | Commercial lithographic printing .....                                  | 3  | 1 369                           | 292                       | k                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323111  | Commercial gravure printing .....                                       | 1  | 37                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323112  | Commercial flexographic printing .....                                  | 2  | 68                              | 26                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323113  | Commercial screen printing .....  | 2  | 301                             | 48                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323114  | Quick printing .....  | 3  | '612                            | '38                       | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323115  | Digital printing .....  | 1  | 110                             | 31                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323116  | Manifold business forms printing .....                                  | 5  | 47                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323117  | Books printing .....  | 3  | 63                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323118  | Blankbook, looseleaf binders, and devices manufacturing .....           | 2  | 29                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323119  | Other commercial printing .....   | 5  | '263                            | '34                       | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32312   | Support activities for printing .....                                   | 3  | '410                            | 86                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323121  | Tradebinding and related work .....                                     | 4  | 127                             | 38                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323122  | Prepress services .....   | 3  | '283                            | 48                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324   | Petroleum and coal products manufacturing .....                         | —  | 116                             | 25                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241  | Petroleum and coal products manufacturing .....                         | —  | 116                             | 25                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32411   | Petroleum refineries .....  | —  | 7                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110  | Petroleum refineries .....  | —  | 7                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32412   | Asphalt paving, roofing, and saturated materials manufacturing .....    | —  | 82                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324121  | Asphalt paving mixture and block manufacturing .....                    | —  | 74                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324122  | Asphalt shingle and coating materials manufacturing .....               | 1  | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 324        | Petroleum and coal products manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 3241       | Petroleum and coal products manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 32419      | Other petroleum and coal products manufacturing . . . . .                                      | —                               | 27    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 324191     | Petroleum lubricating oil and grease manufacturing . . . . .                                   | —                               | 24    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing . . . . .   | 1                               | 1 104 | 520                       | l                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3251       | Basic chemical manufacturing . . .   | 2                               | 142   | 84                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32513      | Synthetic dye and pigment manufacturing . . . . .  | 2                               | 26    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325131     | Inorganic dye and pigment manufacturing . . . . .  | —                               | 5     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325132     | Synthetic organic dye and pigment manufacturing . . . . .                                      | 3                               | 21    | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32518      | Other basic inorganic chemical manufacturing . . . . .   | 1                               | 33    | 20                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325188     | All other basic inorganic chemical manufacturing . . . . .                                     | 1                               | 32    | 20                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing . . . . .   | 2                               | 69    | 46                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325199     | All other basic organic chemical manufacturing . . . . .                                       | 2                               | 61    | 42                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing . . . . . | —                               | 41    | 27                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32521      | Resin and synthetic rubber manufacturing . . . . .   | —                               | 41    | 27                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325211     | Plastics material and resin manufacturing . . . . .  | —                               | 37    | 27                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3253       | Pesticide, fertilizer, and other agricultural chemical manufacturing . . . . .                 | 2                               | 37    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32531      | Fertilizer manufacturing . . . . .   | 5                               | 25    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325314     | Fertilizer (mixing only) manufacturing . . . . .   | 5                               | 24    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32532      | Pesticide and other agricultural chemical manufacturing . . . . .                              | 1                               | 12    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325320     | Pesticide and other agricultural chemical manufacturing . . . . .                              | 1                               | 12    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3254       | Pharmaceutical and medicine manufacturing . . . . .  | 1                               | 239   | 137                       | l                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32541      | Pharmaceutical and medicine manufacturing . . . . .  | 1                               | 239   | 137                       | l                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325411     | Medicinal and botanical manufacturing . . . . .  | 2                               | 53    | 26                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325412     | Pharmaceutical preparation manufacturing . . . . .   | 1                               | 167   | 98                        | k                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325413     | In-vitro diagnostic substance manufacturing . . . . .  | —                               | 11    | 6                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325414     | Biological product (except diagnostic) manufacturing . . . . .                                 | 4                               | 8     | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3255       | Paint, coating, and adhesive manufacturing . . . . .   | 2                               | 154   | 49                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32551      | Paint and coating manufacturing . . . . .  | 2                               | 94    | 26                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325510     | Paint and coating manufacturing . . . . .  | 2                               | 94    | 26                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32552      | Adhesive manufacturing . . . . .   | 1                               | 60    | 23                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325520     | Adhesive manufacturing . . . . .   | 1                               | 60    | 23                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing . . . . .                        | 1                               | 295   | 139                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32561      | Soap and cleaning compound manufacturing . . . . .   | 3                               | 111   | 39                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325611     | Soap and other detergent manufacturing . . . . .   | 4                               | 48    | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325612     | Polish and other sanitation good manufacturing . . . . .                                       | 1                               | 48    | 14                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325613     | Surface active agent manufacturing . . . . .   | 3                               | 15    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 32562      | Toilet preparation manufacturing . . . . .   | 1                               | 184   | 100                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 325620     | Toilet preparation manufacturing . . . . .   | 1                               | 184   | 100                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |

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|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325   | Chemical manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3259  | Other chemical product and preparation manufacturing . . . . .                         | 1              | 196                             | 72                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32591   | Printing ink manufacturing . . . . .   | 2              | 41                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325910  | Printing ink manufacturing . . . . .   | 2              | 41                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32592   | Explosives manufacturing . . . . .   | 2              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325920  | Explosives manufacturing . . . . .   | 2              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32599   | All other chemical product and preparation manufacturing . . . . .                     | 1              | 153                             | 56                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325991  | Custom compounding of purchased resins . . . . .                                       | —              | 36                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325992  | Photographic film, paper, plate, and chemical manufacturing . . . . .                  | —              | 26                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325998  | All other miscellaneous chemical product and preparation manufacturing . . . . .       | 2              | 91                              | 33                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326   | Plastics and rubber products manufacturing . . . . .                                   | 2              | '960                            | '449                      | '43 538             | '1 450 333        | '32 361             | '65 639       | '868 208        | '3 634 647            | '3 233 702                        | '6 878 934                         | '242 652                             |
| 3261  | Plastics product manufacturing . . . . .   | 2              | '835                            | '402                      | k                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611   | Plastics packaging materials and unlaminated film and sheet manufacturing . . . . .    | 1              | 173                             | 93                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326111  | Plastics bag manufacturing . . . . .   | 1              | 65                              | 34                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326112  | Plastics packaging film and sheet (including laminated) manufacturing . . . . .        | —              | 24                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326113  | Unlaminated plastics film and sheet (except packaging) manufacturing . . . . .         | 1              | 84                              | 41                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32612   | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing . . . . .     | 1              | 55                              | 30                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326121  | Unlaminated plastics profile shape manufacturing . . . . .                             | 1              | 47                              | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326122  | Plastics pipe and pipe fitting manufacturing . . . . .                                 | 2              | 8                               | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32613   | Laminated plastics plate, sheet, (except packaging), and shape manufacturing . . . . . | 1              | 26                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326130  | Laminated plastics plate, sheet, (except packaging), and shape manufacturing . . . . . | 1              | 26                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32614   | Polystyrene foam product manufacturing . . . . .                                       | 3              | 27                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326140  | Polystyrene foam product manufacturing . . . . .                                       | 3              | 27                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32615   | Urethane and other foam product (except polystyrene) manufacturing . . . . .           | 2              | '21                             | '12                       | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326150  | Urethane and other foam product (except polystyrene) manufacturing . . . . .           | 2              | '21                             | '12                       | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32616   | Plastics bottle manufacturing . . . . .  | 1              | 13                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326160  | Plastics bottle manufacturing . . . . .  | 1              | 13                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing . . . . .   | 2              | 520                             | 234                       | k                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326192  | Resilient floor covering manufacturing . . . . .                                       | —              | 12                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199  | All other plastics product manufacturing . . . . .                                     | 2              | 498                             | 225                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262  | Rubber product manufacturing . . . . .   | 2              | 125                             | 47                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32621   | Tire manufacturing . . . . .   | 1              | 29                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326212  | Tire retreading . . . . .  | —              | 24                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32622   | Rubber and plastics hoses and belting manufacturing . . . . .                          | 3              | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326220  | Rubber and plastics hoses and belting manufacturing . . . . .                          | 3              | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629   | Other rubber product manufacturing . . . . .   | 2              | 87                              | 41                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326291  | Rubber product manufacturing for mechanical use . . . . .                              | 3              | 38                              | 16                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299  | All other rubber product manufacturing . . . . .                                       | 1              | 49                              | 25                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing . . . . .                                    | 3              | 631                             | 202                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3271  | Clay product and refractory manufacturing . . . . .                                    | 1              | 56                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32711   | Pottery, ceramics, and plumbing fixture manufacturing . . . . .                        | —              | 39                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327113  | Porcelain electrical supply manufacturing . . . . .                                    | —              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327        | Nonmetallic mineral product manufacturing—Con.                                |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3272       | Glass and glass product manufacturing .....                                   | 3              | 140                             | 36                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721      | Glass and glass product manufacturing .....                                   | 3              | 140                             | 36                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212     | Other pressed and blown glass and glassware manufacturing .....               | 8              | 29                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215     | Glass product manufacturing made of purchased glass ..                        | 3              | 110                             | 32                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273       | Cement and concrete product manufacturing .....                               | 3              | 260                             | 108                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32732      | Ready-mix concrete manufacturing .....  | 3              | 142                             | 65                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327320     | Ready-mix concrete manufacturing .....  | 3              | 142                             | 65                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32733      | Concrete pipe, brick, and block manufacturing .....                           | 3              | 42                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327331     | Concrete block and brick manufacturing .....                                  | 3              | 32                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327332     | Concrete pipe manufacturing .....   | —              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32739      | Other concrete product manufacturing .....                                    | 5              | 69                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327390     | Other concrete product manufacturing .....                                    | 5              | 69                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3274       | Lime and gypsum product manufacturing .....                                   | 2              | 13                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32742      | Gypsum product manufacturing .....  | —              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327420     | Gypsum product manufacturing .....  | —              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3279       | Other nonmetallic mineral product manufacturing .....                         | 4              | 162                             | 41                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32791      | Abrasive product manufacturing .....  | 1              | 17                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327910     | Abrasive product manufacturing .....  | 1              | 17                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32799      | All other nonmetallic mineral product manufacturing .....                     | 5              | 145                             | 34                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327991     | Cut stone and stone product manufacturing .....                               | 4              | 96                              | 18                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327993     | Mineral wool manufacturing ..   | 8              | 18                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327999     | All other miscellaneous nonmetallic mineral product manufacturing .....       | 2              | 22                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331        | Primary metal manufacturing .....   | 1              | '277                            | '123                      | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....                       | —              | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....                       | —              | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111     | Iron and steel mills .....  | —              | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312       | Steel product manufacturing from purchased steel .....                        | —              | 28                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33121      | Iron and steel pipe and tube manufacturing from purchased steel .....         | —              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331210     | Iron and steel pipe and tube manufacturing from purchased steel .....         | —              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122      | Rolling and drawing of purchased steel .....                                  | —              | 21                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331221     | Rolled steel shape manufacturing .....  | —              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331222     | Steel wire drawing .....  | —              | 16                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313       | Alumina and aluminum production and processing .....                          | 1              | 21                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131      | Alumina and aluminum production and processing ..                             | 1              | 21                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331315     | Aluminum sheet, plate, and foil manufacturing .....                           | 1              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331316     | Aluminum extruded product manufacturing .....                                 | 1              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|-------------|--|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
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| 331<br>3314 | Primary metal manufacturing—Con.<br>Nonferrous metal (except aluminum) production and processing ..... | 1                               | 127    | 54                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33141       | Nonferrous metal (except aluminum) smelting and refining .....   | 2                               | 30     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331419      | Primary smelting and refining of nonferrous metal (except copper and aluminum) .....                   | 2                               | 30     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33142       | Copper rolling, drawing, extruding, and alloying .....   | 2                               | 31     | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331421      | Copper rolling, drawing, and extruding .....   | 2                               | 17     | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331422      | Copper wire (except mechanical) drawing .....  | 1                               | 10     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33149       | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....          | —                               | 66     | 29                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331491      | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....                    | —                               | 36     | 17                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331492      | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) .....      | —                               | 30     | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3315        | Foundries .....  | 3                               | 95     | 42                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33151       | Ferrous metal foundries .....  | 3                               | 18     | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331511      | Iron foundries .....   | 7                               | 11     | 3                         | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331512      | Steel investment foundries ..  | —                               | 5      | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33152       | Nonferrous metal foundries ..  | 2                               | 77     | 35                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331522      | Nonferrous (except aluminum) die-casting foundries .....   | 2                               | 26     | 13                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331524      | Aluminum foundries (except die-casting) .....  | 3                               | 18     | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332         | Fabricated metal product manufacturing .....   | 2                               | '3 466 | '821                      | '73 880             | '2 839 779         | '52 430             | '104 673      | '1 676 533            | '6 342 890                        | '4 461 028                         | '10 771 436                          | '329 774        |
| 3321        | Forging and stamping .....   | 2                               | 254    | 96                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33211       | Forging and stamping .....   | 2                               | 254    | 96                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332111      | Iron and steel forging .....   | 6                               | 13     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332114      | Custom roll forming .....  | 4                               | 15     | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332115      | Crown and closure manufacturing .....  | 1                               | 10     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332116      | Metal stamping .....   | 2                               | 208    | 75                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332117      | Powder metallurgy part manufacturing .....   | 4                               | 7      | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3322        | Cutlery and handtool manufacturing .....   | —                               | 104    | 37                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33221       | Cutlery and handtool manufacturing .....   | —                               | 104    | 37                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332211      | Cutlery and flatware (except precious) manufacturing ..  | —                               | 11     | 6                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332212      | Hand and edge tool manufacturing .....   | 1                               | 76     | 25                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332213      | Saw blade and handsaw manufacturing .....  | —                               | 8      | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3323        | Architectural and structural metals manufacturing .....  | 3                               | '850   | '219                      | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33231       | Plate work and fabricated structural product manufacturing .....                                       | 2                               | 204    | 39                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332311      | Prefabricated metal building and component manufacturing .....   | 4                               | 25     | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332312      | Fabricated structural metal manufacturing .....  | 2                               | 150    | 29                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33232       | Ornamental and architectural metal products manufacturing .....  | 3                               | '646   | '180                      | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332321      | Metal window and door manufacturing .....  | 3                               | 124    | 54                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332322      | Sheet metal work manufacturing .....   | 2                               | '308   | '89                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332323      | Ornamental and architectural metal work manufacturing ..   | 3                               | 214    | 37                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|----------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |          |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |          |
| 332        | Fabricated metal product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |          |
| 3324       | Boiler, tank, and shipping container manufacturing .....  | 2              | 71                              | 32                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33241      | Power boiler and heat exchanger manufacturing ....  | 4              | 18                              | 10                        |                     | 748               | 35 800              | 501           | 1 082           | 18 791                | 78 477                            | 44 650                             | 124 167                              |          |
| 332410     | Power boiler and heat exchanger manufacturing ..  | 4              | 18                              | 10                        |                     | 748               | 35 800              | 501           | 1 082           | 18 791                | 78 477                            | 44 650                             | 124 167                              |          |
| 33242      | Metal tank (heavy gauge) manufacturing .....  | 2              | 26                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332420     | Metal tank (heavy gauge) manufacturing .....  | 2              | 26                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....                       | 1              | 27                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332431     | Metal can manufacturing ....  | —              | 8                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332439     | Other metal container manufacturing .....   | 4              | 19                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 3325       | Hardware manufacturing .....  | 2              | 64                              | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33251      | Hardware manufacturing .....  | 2              | 64                              | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332510     | Hardware manufacturing ....   | 2              | 64                              | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 3326       | Spring and wire product manufacturing .....   | 3              | 133                             | 37                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33261      | Spring and wire product manufacturing .....   | 3              | 133                             | 37                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332612     | Spring (light gauge) manufacturing .....  | 5              | 16                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332618     | Other fabricated wire product manufacturing .....   | 3              | 114                             | 35                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                       | 3              | 1 305                           | 180                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33271      | Machine shops .....   | 4              | 1 017                           | 94                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332710     | Machine shops .....   | 4              | 1 017                           | 94                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                       | 2              | 288                             | 86                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332721     | Precision turned product manufacturing .....  | 2              | 217                             | 63                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....   | 3              | 71                              | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                    | 1              | '329                            | '84                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33281      | Coating, engraving, heat treating, and allied activities ..                                       | 1              | '329                            | '84                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332811     | Metal heat treating .....   | 1              | 35                              | 15                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .. | 1              | '118                            | '30                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                 | 1              | 176                             | 39                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 3329       | Other fabricated metal product manufacturing .....  | 2              | '356                            | '112                      | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33291      | Metal valve manufacturing ....  | —              | 69                              | 31                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332911     | Industrial valve manufacturing .....  | —              | 27                              | 15                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332912     | Fluid power valve and hose fitting manufacturing .....  | 1              | 18                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332913     | Plumbing fixture fitting and trim manufacturing .....   | 1              | 15                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 33299      | All other fabricated metal product manufacturing .....  | 4              | '287                            | '81                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332991     | Ball and roller bearing manufacturing .....   | 7              | '19                             | '10                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332994     | Small arms manufacturing ...  | —              | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332995     | Other ordnance and accessories manufacturing .  | 9              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 332996     | Fabricated pipe and pipe fitting manufacturing .....  | 3              | 33                              | 11                        |                     | 739               | 28 533              | 505           | 1 074           | 16 943                | 66 219                            | 48 285                             | 114 152                              |          |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                              | 2              | 185                             | 50                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |
| 333        | Machinery manufacturing .....   | 2              | 1 490                           | 441                       | '41                 | 305               | '1 830 042          | '23 197       | '45 224         | '801 287              | '4 666 474                        | '3 231 729                         | '7 982 874                           | '224 954 |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....                               | 6              | 34                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |          |

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|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   | E1                              | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 3332       | Industrial machinery manufacturing .....  | 3                               | '302  | '96                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33322      | Plastics and rubber industry machinery manufacturing .....  | 2                               | 23    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333220     | Plastics and rubber industry machinery manufacturing ..   | 2                               | 23    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33329      | Other industrial machinery manufacturing .....  | 3                               | '269  | '86                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333291     | Paper industry machinery manufacturing .....  | 4                               | '23   | '5                        | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333292     | Textile machinery manufacturing .....   | 7                               | 34    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333293     | Printing machinery and equipment manufacturing ..   | —                               | 56    | 21                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333295     | Semiconductor machinery manufacturing .....   | 5                               | 25    | 16                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333298     | All other industrial machinery manufacturing .....  | 3                               | 108   | 40                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3333       | Commercial and service industry machinery manufacturing .....   | —                               | '164  | '67                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33331      | Commercial and service industry machinery manufacturing .....   | —                               | '164  | '67                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333313     | Office machinery manufacturing .....  | —                               | 9     | 7                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333314     | Optical instrument and lens manufacturing .....   | 1                               | 43    | 17                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333315     | Photographic and photocopying equipment manufacturing .....   | 1                               | '30   | '12                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333319     | Other commercial and service industry machinery manufacturing .....   | 5                               | 71    | 27                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 2                               | 86    | 38                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 2                               | 86    | 38                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333411     | Air purification equipment manufacturing .....  | 5                               | 11    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333412     | Industrial and commercial fan and blower manufacturing ..   | 1                               | 7     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333414     | Heating equipment (except warm air furnaces) manufacturing .....  | 6                               | 30    | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | 1                               | 38    | 18                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3335       | Metalworking machinery manufacturing .....  | 2                               | '471  | '76                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33351      | Metalworking machinery manufacturing .....  | 2                               | '471  | '76                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333511     | Industrial mold manufacturing .....   | 1                               | '138  | '21                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333512     | Machine tool (metal cutting types) manufacturing .....  | 2                               | 13    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....   | 4                               | 188   | 18                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333515     | Cutting tool and machine tool accessory manufacturing ..  | 3                               | 100   | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333518     | Other metalworking machinery manufacturing ..   | 3                               | 23    | 9                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3336       | Engine, turbine, and power transmission equipment manufacturing .....   | 4                               | 43    | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33361      | Engine, turbine, and power transmission equipment manufacturing .....   | 4                               | 43    | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333612     | Speed changer, industrial high-speed drive, and gear manufacturing .....  | 5                               | 19    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333618     | Other engine equipment manufacturing .....  | 8                               | 10    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |

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|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>               |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 3339       | Other general purpose machinery manufacturing .....   | 2                               | '390  | '137                      | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33391      | Pump and compressor manufacturing .....   | 2                               | 48    | 17                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333911     | Pump and pumping equipment manufacturing ..   | 2                               | 24    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333912     | Air and gas compressor manufacturing .....  | 2                               | 21    | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33392      | Material handling equipment manufacturing .....   | 3                               | 85    | 35                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333921     | Elevator and moving stairway manufacturing .....  | 3                               | 28    | 13                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333922     | Conveyor and conveying equipment manufacturing ..   | 1                               | 31    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333923     | Overhead traveling crane, hoist, and monorail system manufacturing .....                    | 5                               | 14    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33399      | All other general purpose machinery manufacturing ....                                      | 1                               | '257  | '85                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333993     | Packaging machinery manufacturing .....   | 1                               | 62    | 21                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333994     | Industrial process furnace and oven manufacturing ...                                       | 1                               | '26   | '10                       | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333995     | Fluid power cylinder and actuator manufacturing ....  | 1                               | 16    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....                       | 1                               | 128   | 36                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....   | 1                               | 1 224 | 478                       | l                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3341       | Computer and peripheral equipment manufacturing .....                                       | 1                               | '82   | '15                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33411      | Computer and peripheral equipment manufacturing ....  | 1                               | '82   | '15                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334113     | Computer terminal manufacturing .....   | —                               | 8     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334119     | Other computer peripheral equipment manufacturing ..  | 1                               | '43   | '9                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3342       | Communications equipment manufacturing .....  | 3                               | 180   | 85                        | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33421      | Telephone apparatus manufacturing .....   | 5                               | 50    | 24                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334210     | Telephone apparatus manufacturing .....   | 5                               | 50    | 24                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 4                               | 89    | 49                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 4                               | 89    | 49                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33429      | Other communications equipment manufacturing ....   | —                               | 41    | 12                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334290     | Other communications equipment manufacturing ..   | —                               | 41    | 12                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3343       | Audio and video equipment manufacturing .....   | '3                              | '44   | '5                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33431      | Audio and video equipment manufacturing .....   | '3                              | '44   | '5                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334310     | Audio and video equipment manufacturing .....   | '3                              | '44   | '5                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3344       | Semiconductor and other electronic component manufacturing .....                            | —                               | 390   | 186                       | k                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33441      | Semiconductor and other electronic component manufacturing .....                            | —                               | 390   | 186                       | k                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334411     | Electron tube manufacturing ..  | 1                               | 10    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334412     | Bare printed circuit board manufacturing .....  | —                               | 48    | 17                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334413     | Semiconductor and related device manufacturing .....  | —                               | 75    | 34                        | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334414     | Electronic capacitor manufacturing .....  | —                               | 10    | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334415     | Electronic resistor manufacturing .....   | 5                               | 7     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334416     | Electronic coil, transformer, and other inductor manufacturing .....                        | 1                               | 29    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334417     | Electronic connector manufacturing .....  | 1                               | 29    | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....                          | —                               | 46    | 29                        | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 334        | Computer and electronic product manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 3344       | Semiconductor and other electronic component manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 33441      | Semiconductor and other electronic component manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 334419     | Other electronic component manufacturing .....   | 1                               | 136   | 63                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | 1                               | 426   | 161                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | 1                               | 426   | 161                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing ...  | 4                               | 45    | 23                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | —                               | 64    | 23                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334512     | Automatic environmental control manufacturing for residential, commercial, and appliance use .....                           | 4                               | 27    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | 2                               | 78    | 28                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334514     | Totalizing fluid meter and counting device manufacturing .....   | 3                               | 24    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334515     | Instrument manufacturing for measuring and testing electricity and electrical signals .....                                  | 2                               | 54    | 18                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334516     | Analytical laboratory instrument manufacturing ..  | 1                               | 43    | 16                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334517     | Irradiation apparatus manufacturing .....  | 2                               | 18    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334518     | Watch, clock, and part manufacturing .....   | —                               | 20    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334519     | Other measuring and controlling device manufacturing .....   | —                               | 53    | 21                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3346       | Manufacturing and reproducing magnetic and optical media .....   | 3                               | 102   | 26                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33461      | Manufacturing and reproducing magnetic and optical media ...   | 3                               | 102   | 26                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334612     | Prerecorded compact disc (except software), tape, and record reproducing .....   | 3                               | 74    | 20                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 334613     | Magnetic and optical recording media manufacturing .....   | 3                               | 18    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....   | 3                               | 563   | 241                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3351       | Electric lighting equipment manufacturing .....  | 2                               | 163   | 67                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33511      | Electric lamp bulb and part manufacturing .....  | 1                               | 7     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335110     | Electric lamp bulb and part manufacturing .....  | 1                               | 7     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33512      | Lighting fixture manufacturing ..  | 2                               | 156   | 62                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335121     | Residential electric lighting fixture manufacturing .....  | 2                               | 63    | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335122     | Commercial, industrial, and institutional electric lighting fixture manufacturing .....                                      | 1                               | 54    | 28                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335129     | Other lighting equipment manufacturing .....   | 3                               | 39    | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3352       | Household appliance manufacturing .....  | 7                               | 13    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33521      | Small electrical appliance manufacturing .....   | 7                               | 12    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335211     | Electric housewares and household fan manufacturing .....  | 7                               | 10    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 335        | Electrical equipment, appliance, and component manufacturing—Con.              |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |
| 3353       | Electrical equipment manufacturing .....                                       | 4                               | '183  | '69                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33531      | Electrical equipment manufacturing .....                                       | 4                               | '183  | '69                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335311     | Power, distribution, and specialty transformer manufacturing .....             | 7                               | 26    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335312     | Motor and generator manufacturing .....  | 1                               | '34   | '15                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335313     | Switchgear and switchboard apparatus manufacturing .....                       | 4                               | 37    | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335314     | Relay and industrial control manufacturing .....                               | 6                               | 86    | 26                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3359       | Other electrical equipment and component manufacturing .....                   | 2                               | 204   | 101                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33591      | Battery manufacturing .....  | —                               | 10    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335911     | Storage battery manufacturing .....  | —                               | 9     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33592      | Communication and energy wire and cable manufacturing .....                    | 2                               | 49    | 27                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335929     | Other communication and energy wire manufacturing .....                        | 2                               | 44    | 24                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33593      | Wiring device manufacturing .....  | 1                               | 55    | 29                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335931     | Current-carrying wiring device manufacturing .....                             | 1                               | 44    | 23                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335932     | Noncurrent-carrying wiring device manufacturing .....                          | 2                               | 11    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....               | 2                               | 90    | 39                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335991     | Carbon and graphite product manufacturing .....                                | 2                               | 10    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..... | 3                               | 80    | 32                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....                                   | —                               | 421   | 144                       | k                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3361       | Motor vehicle manufacturing .....  | —                               | 13    | 5                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33611      | Automobile and light duty motor vehicle manufacturing .....                    | —                               | 12    | 5                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336112     | Light truck and utility vehicle manufacturing .....                            | —                               | 5     | 3                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3362       | Motor vehicle body and trailer manufacturing .....                             | 6                               | 32    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33621      | Motor vehicle body and trailer manufacturing .....                             | 6                               | 32    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336211     | Motor vehicle body manufacturing .....   | 5                               | 24    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 3363       | Motor vehicle parts manufacturing .....  | 1                               | 209   | 67                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33631      | Motor vehicle gasoline engine and engine parts manufacturing .....             | 1                               | 47    | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336312     | Gasoline engine and engine parts manufacturing .....                           | 1                               | 42    | 11                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing .....          | 1                               | 49    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing .....    | 1                               | 40    | 11                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33634      | Motor vehicle brake system manufacturing .....                                 | 1                               | 10    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336340     | Motor vehicle brake system manufacturing .....                                 | 1                               | 10    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33635      | Motor vehicle transmission and power train parts manufacturing .....           | —                               | 22    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336350     | Motor vehicle transmission and power train parts manufacturing .....           | —                               | 22    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33636      | Motor vehicle seating and interior trim manufacturing .....                    | —                               | 12    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336360     | Motor vehicle seating and interior trim manufacturing .....                    | —                               | 12    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33637      | Motor vehicle metal stamping .....   | 2                               | 17    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336370     | Motor vehicle metal stamping .....   | 2                               | 17    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 33639      | Other motor vehicle parts manufacturing .....                                  | 2                               | 45    | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |
| 336399     | All other motor vehicle parts manufacturing .....                              | 2                               | 45    | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336        | Transportation equipment manufacturing—Con.                                   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3364       | Aerospace product and parts manufacturing .....                               | 1  | 91                              | 47                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641      | Aerospace product and parts manufacturing .....                               | 1  | 91                              | 47                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336411     | Aircraft manufacturing .....  | —  | 11                              | 7                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412     | Aircraft engine and engine parts manufacturing .....                          | —  | 26                              | 16                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336413     | Other aircraft parts and auxiliary equipment manufacturing .....              | 3  | 50                              | 22                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365       | Railroad rolling stock manufacturing .....                                    | —  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651      | Railroad rolling stock manufacturing .....                                    | —  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510     | Railroad rolling stock manufacturing .....                                    | —  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3366       | Ship and boat building .....  | 4  | 53                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33661      | Ship and boat building .....  | 4  | 53                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336611     | Ship building and repairing ..  | 5  | 29                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336612     | Boat building .....   | 2  | 24                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3369       | Other transportation equipment manufacturing .....                            | 2  | 19                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33699      | Other transportation equipment manufacturing .....                            | 2  | 19                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336991     | Motorcycle, bicycle, and parts manufacturing .....                            | —  | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....                             | 4  | '1 642                          | 284                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | 4  | 1 175                           | 140                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711      | Wood kitchen cabinet and countertop manufacturing ....                        | 4  | 636                             | 48                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                          | 4  | 636                             | 48                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712      | Household and institutional furniture manufacturing .....                     | 5  | 539                             | 92                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337121     | Upholstered household furniture manufacturing ....                            | 6  | 120                             | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337122     | Nonupholstered wood household furniture manufacturing .....                   | 4  | 320                             | 47                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337124     | Metal household furniture manufacturing .....                                 | 5  | 26                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337127     | Institutional furniture manufacturing .....                                   | 4  | 53                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3372       | Office furniture (including fixtures) manufacturing .....                     | 2  | '370                            | 113                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33721      | Office furniture (including fixtures) manufacturing .....                     | 2  | '370                            | 113                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337211     | Wood office furniture manufacturing .....                                     | 3  | 40                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337212     | Custom architectural woodwork and millwork manufacturing .....                | 2  | '157                            | 37                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                 | 3  | 155                             | 62                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3379       | Other furniture related product manufacturing .....                           | 4  | 97                              | 31                        | 3 390               | 103 030           | 2 540               | 5 071         | 61 831          | 306 533               | 270 473                           | 576 850                            | D                                    |
| 33791      | Mattress manufacturing .....  | 5  | 32                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337910     | Mattress manufacturing .....  | 5  | 32                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33792      | Blind and shade manufacturing .....   | 3  | 65                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337920     | Blind and shade manufacturing .....   | 3  | 65                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339        | Miscellaneous manufacturing .....   | 2  | '3 006                          | '629                      | l                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391       | Medical equipment and supplies manufacturing .....                            | 1  | 960                             | 188                       | k                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911      | Medical equipment and supplies manufacturing .....                            | 1  | 960                             | 188                       | k                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339111     | Laboratory apparatus and furniture manufacturing ....                         | —  | 46                              | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112     | Surgical and medical instrument manufacturing ..                              | 2  | 110                             | 43                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339113     | Surgical appliance and supplies manufacturing ....                            | —  | 138                             | 54                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339114     | Dental equipment and supplies manufacturing ....                              | 5  | 68                              | 17                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry                              | All establishments <sup>2</sup> |        | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|---|---|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|   |   | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 339   | Miscellaneous manufacturing—Con.                          |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3391  | Medical equipment and supplies manufacturing—Con.         |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 33911   | Medical equipment and supplies manufacturing—Con.         |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 339115  | Ophthalmic goods manufacturing                            | 3                               | 36     | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339116  | Dental laboratories                                       | 5                               | 562    | 40                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3399  | Other miscellaneous manufacturing                         | 3                               | '2 046 | '441                      | k                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33991   | Jewelry and silverware manufacturing                      | 2                               | 786    | 151                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339911  | Jewelry (except costume) manufacturing                    | 2                               | 565    | 110                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339912  | Silverware and hollowware manufacturing                   | 5                               | 24     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339913  | Jewelers' material and lapidary work manufacturing        | 2                               | 96     | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339914  | Costume jewelry and novelty manufacturing                 | 3                               | 101    | 17                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33992   | Sporting and athletic goods manufacturing                 | 3                               | 68     | 18                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339920  | Sporting and athletic goods manufacturing                 | 3                               | 68     | 18                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33993   | Doll, toy, and game manufacturing                         | 1                               | '64    | '14                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339931  | Doll and stuffed toy manufacturing                        | '1                              | '20    | '4                        | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339932  | Game, toy, and children's vehicle manufacturing           | 1                               | 44     | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33994   | Office supplies (except paper) manufacturing              | 7                               | 88     | 22                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339941  | Pen and mechanical pencil manufacturing                   | 8                               | 25     | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339942  | Lead pencil and art good manufacturing                    | 1                               | 16     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339943  | Marking device manufacturing                              | 2                               | 40     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33995   | Sign manufacturing  | 2                               | '445   | '83                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339950  | Sign manufacturing  | 2                               | '445   | '83                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33999   | All other miscellaneous manufacturing                     | 3                               | 595    | 153                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339991  | Gasket, packing, and sealing device manufacturing         | 2                               | 41     | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339992  | Musical instrument manufacturing                          | —                               | 52     | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339993  | Fastener, button, needle, and pin manufacturing           | 2                               | 45     | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339994  | Broom, brush, and mop manufacturing                       | 4                               | 31     | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339999  | All other miscellaneous manufacturing                     | 3                               | 421    | 101                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| <b>Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area</b>          |   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33   | Manufacturing   | 2                               | 1 164  | 348                       | 54 168              | 2 633 787          | 29 386              | 55 219        | 1 017 117             | 9 458 645                         | 4 469 882                          | 13 928 159                           | 420 323         |
| 311   | Food manufacturing  | —                               | 77     | 12                        | 2 121               | 82 265             | 1 176               | 2 540         | 41 660                | 524 006                           | 191 898                            | 715 735                              | 3 821           |
| 3118  | Bakeries and tortilla manufacturing                       | —                               | 53     | 6                         | 1 583               | 57 974             | 906                 | 2 013         | 34 167                | 473 695                           | 117 730                            | 591 284                              | D               |
| 31181   | Bread and bakery product manufacturing                    | —                               | 51     | 5                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 735           |
| 311811  | Retail bakeries   | 3                               | 38     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 488             |
| 311812  | Commercial bakeries                                       | —                               | 13     | 4                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 247           |
| 312   | Beverage and tobacco product manufacturing                | 9                               | 6      | 2                         | 294                 | 9 556              | 138                 | 276           | 3 750                 | 38 274                            | 15 435                             | 53 574                               | D               |
| 3121  | Beverage manufacturing                                    | 9                               | 6      | 2                         | 294                 | 9 556              | 138                 | 276           | 3 750                 | 38 274                            | 15 435                             | 53 574                               | D               |
| 313   | Textile mills   | —                               | 12     | 5                         | 493                 | 18 580             | 384                 | 848           | 11 689                | 42 182                            | 45 759                             | 86 971                               | 2 179           |
| 3132  | Fabric mills  | —                               | 9      | 3                         | 335                 | 9 640              | 276                 | 589           | 6 374                 | 20 308                            | 22 418                             | 42 010                               | D               |
| 31323   | Nonwoven fabric mills                                     | —                               | 2      | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313230  | Nonwoven fabric mills                                     | —                               | 2      | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315   | Apparel manufacturing                                     | 8                               | 19     | 5                         | 490                 | 11 549             | 378                 | 756           | 7 658                 | 38 569                            | 35 783                             | 85 628                               | D               |
| 3159  | Apparel accessories and other apparel manufacturing       | 7                               | 10     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31599   | Apparel accessories and other apparel manufacturing       | 7                               | 10     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315999  | Other apparel accessories and other apparel manufacturing | 7                               | 8      | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 316        | Leather and allied product manufacturing .....                                  | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3169       | Other leather and allied product manufacturing .....                            | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31699      | Other leather and allied product manufacturing .....                            | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316993     | Personal leather goods (except women's handbag and purse) manufacturing ..      | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....  | 4              | 18                              | 6                         | 352                 | 12 227            | 262                 | 468           | 7 379           | 19 699                | 20 393                            | 40 238                             | 688                                  |
| 3219       | Other wood product manufacturing .....  | 5              | 16                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | 4              | 11                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....                                     | 4              | 11                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221      | Paperboard container manufacturing .....  | 4              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....                                   | 2              | '160                            | '30                       | '2 210              | '91 212           | '1 546              | '3 028        | '52 678         | '179 774              | '111 743                          | '292 147                           | '7 339                               |
| 3231       | Printing and related support activities .....                                   | 2              | '160                            | '30                       | '2 210              | '91 212           | '1 546              | '3 028        | '52 678         | '179 774              | '111 743                          | '292 147                           | '7 339                               |
| 32311      | Printing .....  | 2              | '142                            | '27                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110     | Commercial lithographic printing .....  | 2              | 71                              | 19                        | 1 311               | 56 890            | 907                 | 1 845         | 33 131          | 108 597               | 81 071                            | 189 920                            | 5 246                                |
| 323113     | Commercial screen printing ..   | 2              | 13                              | 3                         | 253                 | 9 408             | 179                 | 335           | 5 102           | 19 119                | 15 110                            | 34 380                             | 534                                  |
| 325        | Chemical manufacturing .....  | 5              | 53                              | 21                        | 4 426               | 347 641           | 1 654               | 3 690         | 60 227          | 3 153 367             | 498 117                           | 3 642 406                          | 68 803                               |
| 3251       | Basic chemical manufacturing ..   | —              | 9                               | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32518      | Other basic inorganic chemical manufacturing .....                              | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325188     | All other basic inorganic chemical manufacturing .....                          | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254       | Pharmaceutical and medicine manufacturing .....                                 | 9              | 6                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541      | Pharmaceutical and medicine manufacturing .....                                 | 9              | 6                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412     | Pharmaceutical preparation manufacturing .....                                  | 9              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing ..                | —              | 16                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32562      | Toilet preparation manufacturing .....  | —              | 12                              | 7                         | 1 618               | 67 498            | 832                 | 1 801         | 22 107          | 1 174 657             | 177 614                           | 1 367 491                          | 17 926                               |
| 325620     | Toilet preparation manufacturing .....  | —              | 12                              | 7                         | 1 618               | 67 498            | 832                 | 1 801         | 22 107          | 1 174 657             | 177 614                           | 1 367 491                          | 17 926                               |
| 3259       | Other chemical product and preparation manufacturing .....                      | —              | 14                              | 2                         | 332                 | 16 997            | 128                 | 271           | 5 423           | 136 967               | 118 690                           | 255 020                            | D                                    |
| 326        | Plastics and rubber products manufacturing .....                                | 2              | 50                              | 23                        | 3 031               | 113 969           | 2 317               | 4 675         | 76 318          | 273 436               | 221 479                           | 490 436                            | 18 427                               |
| 3261       | Plastics product manufacturing ..   | 2              | 43                              | 18                        | 2 666               | 99 225            | 2 104               | 4 201         | 66 410          | 223 524               | 196 776                           | 415 723                            | 17 496                               |
| 32611      | Plastics packaging materials and unlaminated film and sheet manufacturing ..... | —              | 6                               | 4                         | 582                 | 28 951            | 384                 | 882           | 16 730          | 84 854                | 62 607                            | 143 285                            | D                                    |
| 326112     | Plastics packaging film and sheet (including laminated) manufacturing .....     | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326113     | Unlaminated plastics film and sheet (except packaging) manufacturing .....      | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619      | Other plastics product manufacturing .....                                      | 2              | 33                              | 14                        | 2 059               | 69 392            | 1 701               | 3 281         | 49 055          | 136 470               | 131 723                           | 267 792                            | 11 276                               |
| 326199     | All other plastics product manufacturing .....                                  | 3              | 32                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing .....  | 2              | 7                               | 5                         | 365                 | 14 744            | 213                 | 474           | 9 908           | 49 912                | 24 703                            | 74 713                             | 931                                  |
| 32629      | Other rubber product manufacturing .....  | 2              | 7                               | 5                         | 365                 | 14 744            | 213                 | 474           | 9 908           | 49 912                | 24 703                            | 74 713                             | 931                                  |
| 327        | Nonmetallic mineral product manufacturing .....                                 | 1              | 28                              | 9                         | 407                 | 17 205            | 301                 | 636           | 12 569          | 48 561                | 36 228                            | 83 923                             | 1 484                                |
| 3273       | Cement and concrete product manufacturing .....                                 | 1              | 17                              | 7                         | 301                 | 12 839            | 207                 | 436           | 8 974           | 38 297                | 29 367                            | 67 539                             | 1 404                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                 |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area—Con.</b>                     |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331        | Primary metal manufacturing .....   | 1  | 16                              | 4                         | 411                 | 20 732            | 275                 | 541           | 11 545          | 44 250                | 82 842                            | 129 036                            | D                                    |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                            | 1  | 9                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying ..... | 1  | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331491     | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....           | 1  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....  | 3  | 192                             | 57                        | 4 599               | 184 130           | 3 395               | 6 801         | 108 273         | 423 018               | 237 554                           | 663 550                            | 17 358                               |
| 3321       | Forging and stamping .....  | 3  | 12                              | 7                         | 463                 | 16 023            | 353                 | 696           | 9 996           | 33 322                | 14 946                            | 48 442                             | 678                                  |
| 33211      | Forging and stamping .....  | 3  | 12                              | 7                         | 463                 | 16 023            | 353                 | 696           | 9 996           | 33 322                | 14 946                            | 48 442                             | 678                                  |
| 332116     | Metal stamping .....  | 3  | 10                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3322       | Cutlery and handtool manufacturing .....  | —  | 5                               | 3                         | 387                 | 14 800            | 300                 | 576           | 7 239           | 47 412                | 41 577                            | 89 584                             | D                                    |
| 33221      | Cutlery and handtool manufacturing .....  | —  | 5                               | 3                         | 387                 | 14 800            | 300                 | 576           | 7 239           | 47 412                | 41 577                            | 89 584                             | D                                    |
| 3323       | Architectural and structural metals manufacturing .....                                       | 3  | 42                              | 13                        | 788                 | 30 598            | 534                 | 1 062         | 15 143          | 70 774                | 41 172                            | 112 907                            | 1 803                                |
| 33232      | Ornamental and architectural metal products manufacturing .....                               | 3  | 29                              | 10                        | 625                 | 24 123            | 418                 | 820           | 11 360          | 55 508                | 31 116                            | 87 567                             | 1 357                                |
| 332322     | Sheet metal work manufacturing .....  | 5  | 16                              | 5                         | 321                 | 10 777            | 228                 | 485           | 6 536           | 24 748                | 8 341                             | 33 263                             | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                   | 1  | 74                              | 7                         | 861                 | 37 728            | 605                 | 1 223         | 22 204          | 76 362                | 29 618                            | 106 018                            | 3 229                                |
| 33271      | Machine shops .....   | 2  | 58                              | —                         | 302                 | 14 299            | 225                 | 420           | 8 853           | 28 357                | 8 631                             | 36 793                             | D                                    |
| 332710     | Machine shops .....   | 2  | 58                              | —                         | 302                 | 14 299            | 225                 | 420           | 8 853           | 28 357                | 8 631                             | 36 793                             | D                                    |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                   | —  | 16                              | 7                         | 559                 | 23 429            | 380                 | 803           | 13 351          | 48 005                | 20 987                            | 69 225                             | D                                    |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....                                       | —  | 4                               | 3                         | 359                 | 15 247            | 241                 | 534           | 7 645           | 31 981                | 15 661                            | 48 012                             | 1 492                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                | 1  | 31                              | 11                        | 560                 | 20 643            | 435                 | 840           | 13 882          | 35 638                | 15 364                            | 52 709                             | 2 096                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..                                   | 1  | 31                              | 11                        | 560                 | 20 643            | 435                 | 840           | 13 882          | 35 638                | 15 364                            | 52 709                             | 2 096                                |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                             | 2  | 15                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 436                                |
| 3329       | Other fabricated metal product manufacturing .....  | 5  | 18                              | 10                        | 1 275               | 54 198            | 977                 | 1 999         | 33 875          | 134 150               | 78 026                            | 211 874                            | 5 630                                |
| 33291      | Metal valve manufacturing .....   | —  | 4                               | 3                         | 357                 | 10 536            | 296                 | 582           | 6 610           | 45 286                | 41 063                            | 85 829                             | 2 416                                |
| 33299      | All other fabricated metal product manufacturing .....  | 8  | 14                              | 7                         | 918                 | 43 662            | 681                 | 1 417         | 27 265          | 88 864                | 36 963                            | 126 045                            | 3 214                                |
| 332991     | Ball and roller bearing manufacturing .....   | 9  | 3                               | 3                         | 730                 | 36 252            | 553                 | 1 164         | 23 259          | 73 489                | 27 585                            | 101 600                            | D                                    |
| 333        | Machinery manufacturing .....   | 2  | 106                             | 41                        | 8 649               | 414 470           | 3 350               | 6 523         | 145 659         | 1 482 847             | 781 355                           | 2 342 929                          | 82 742                               |
| 3332       | Industrial machinery manufacturing .....  | 8  | 11                              | 6                         | 1 967               | 101 635           | 1 035               | 2 111         | 46 507          | 325 163               | 55 888                            | 466 140                            | D                                    |
| 33329      | Other industrial machinery manufacturing .....  | 8  | 10                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333293     | Printing machinery and equipment manufacturing ..   | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333295     | Semiconductor machinery manufacturing .....   | 9  | 5                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3333       | Commercial and service industry machinery manufacturing .....                                 | —  | 20                              | 10                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 28 339                               |
| 33331      | Commercial and service industry machinery manufacturing .....                                 | —  | 20                              | 10                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 28 339                               |
| 333313     | Office machinery manufacturing .....  | —  | 4                               | 4                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3335       | Metalworking machinery manufacturing .....   | 4  | 47                              | 12                        | 1 137               | 52 334            | 657                 | 1 407         | 30 121          | 83 447                | 46 762                            | 128 276                            | D                                    |
| 33351      | Metalworking machinery manufacturing .....   | 4  | 47                              | 12                        | 1 137               | 52 334            | 657                 | 1 407         | 30 121          | 83 447                | 46 762                            | 128 276                            | D                                    |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....  | 7  | 18                              | 4                         | 402                 | 20 196            | 283                 | 590           | 13 153          | 28 201                | 15 579                            | 44 021                             | 953                                  |
| 3339       | Other general purpose machinery manufacturing .....  | 5  | 22                              | 10                        | 654                 | 33 074            | 331                 | 699           | 11 829          | 75 211                | 69 321                            | 148 762                            | D                                    |
| 33391      | Pump and compressor manufacturing .....  | 9  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333912     | Air and gas compressor manufacturing .....   | 9  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33399      | All other general purpose machinery manufacturing ....   | —  | 13                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....  | 1  | 115                             | 53                        | 8 786               | 478 394           | 3 630               | 7 112         | 137 712         | 863 796               | 659 072                           | 1 514 937                          | 50 848                               |
| 3342       | Communications equipment manufacturing .....   | 6  | 20                              | 12                        | 1 030               | 56 040            | 441                 | 901           | 13 778          | 112 584               | 107 111                           | 218 034                            | 2 991                                |
| 33421      | Telephone apparatus manufacturing .....  | 6  | 10                              | 5                         | 393                 | 22 521            | 68                  | 133           | 3 184           | 46 260                | 29 340                            | 74 055                             | 962                                  |
| 334210     | Telephone apparatus manufacturing .....  | 6  | 10                              | 5                         | 393                 | 22 521            | 68                  | 133           | 3 184           | 46 260                | 29 340                            | 74 055                             | 962                                  |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 6  | 10                              | 7                         | 637                 | 33 519            | 373                 | 768           | 10 594          | 66 324                | 77 771                            | 143 979                            | 2 029                                |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 6  | 10                              | 7                         | 637                 | 33 519            | 373                 | 768           | 10 594          | 66 324                | 77 771                            | 143 979                            | 2 029                                |
| 3344       | Semiconductor and other electronic component manufacturing .....   | —  | 34                              | 15                        | 1 907               | 88 620            | 1 088               | 2 225         | 38 030          | 160 182               | 111 840                           | 268 060                            | 27 230                               |
| 33441      | Semiconductor and other electronic component manufacturing .....   | —  | 34                              | 15                        | 1 907               | 88 620            | 1 088               | 2 225         | 38 030          | 160 182               | 111 840                           | 268 060                            | 27 230                               |
| 334413     | Semiconductor and related device manufacturing .....   | —  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334414     | Electronic capacitor manufacturing .....   | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334419     | Other electronic component manufacturing .....   | —  | 10                              | 6                         | 697                 | 32 563            | 426                 | 767           | 14 374          | 54 591                | 34 796                            | 90 553                             | 2 079                                |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing ....  | —  | 49                              | 24                        | 5 698               | 327 585           | 2 051               | 3 894         | 84 439          | 580 326               | 430 619                           | 1 008 606                          | 20 307                               |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | —  | 49                              | 24                        | 5 698               | 327 585           | 2 051               | 3 894         | 84 439          | 580 326               | 430 619                           | 1 008 606                          | 20 307                               |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing ...  | —  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | —  | 7                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —  | 15                              | 8                         | 1 186               | 60 236            | 562                 | 1 185         | 21 354          | 124 938               | 77 695                            | 197 796                            | 3 133                                |
| 334516     | Analytical laboratory instrument manufacturing ..  | —  | 5                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334517     | Irradiation apparatus manufacturing .....  | —  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334519     | Other measuring and controlling device manufacturing .....   | —  | 9                               | 2                         | 304                 | 16 977            | 82                  | 187           | 5 267           | 51 556                | 7 247                             | 60 786                             | 458                                  |
| 335        | Electrical equipment, appliance, and component manufacturing .....   | 2  | 46                              | 19                        | 2 453               | 83 193            | 1 653               | 3 124         | 42 947          | 257 957               | 138 486                           | 395 073                            | 7 648                                |
| 3353       | Electrical equipment manufacturing .....   | 2  | 18                              | 8                         | 870                 | 30 939            | 558                 | 914           | 16 297          | 73 130                | 72 749                            | 145 106                            | 2 997                                |
| 33531      | Electrical equipment manufacturing .....   | 2  | 18                              | 8                         | 870                 | 30 939            | 558                 | 914           | 16 297          | 73 130                | 72 749                            | 145 106                            | 2 997                                |
| 335314     | Relay and industrial control manufacturing .....   | 1  | 8                               | 2                         | 405                 | 13 100            | 230                 | 261           | 5 979           | 25 780                | 12 785                            | 38 586                             | 787                                  |

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**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area—Con.</b>          |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335        | Electrical equipment, appliance, and component manufacturing—Con.                  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3359       | Other electrical equipment and component manufacturing . . . . .                   | 1              | 20                              | 10                        | 1 415               | 47 863            | 940                 | 1 915         | 23 003          | 140 879               | 58 676                            | 200 630                            | D                                    |
| 33593      | Wiring device manufacturing . . . . .  | 1              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931     | Current-carrying wiring device manufacturing . . . . .                             | 1              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599      | All other electrical equipment and component manufacturing . . . . .               | 1              | 11                              | 6                         | 933                 | 30 319            | 592                 | 1 180         | 13 291          | 99 298                | 30 155                            | 131 595                            | 542                                  |
| 335999     | All other miscellaneous electrical equipment and component manufacturing . . . . . | 1              | 11                              | 6                         | 933                 | 30 319            | 592                 | 1 180         | 13 291          | 99 298                | 30 155                            | 131 595                            | 542                                  |
| 336        | Transportation equipment manufacturing . . . . .                                   | 1              | 29                              | 17                        | 9 845               | 534 825           | 5 179               | 6 925         | 192 458         | 1 558 440             | 905 671                           | 2 387 592                          | D                                    |
| 3363       | Motor vehicle parts manufacturing . . . . .  | —              | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing . . . . .          | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing . . . . .    | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364       | Aerospace product and parts manufacturing . . . . .                                | 1              | 11                              | 7                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641      | Aerospace product and parts manufacturing . . . . .                                | 1              | 11                              | 7                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336411     | Aircraft manufacturing . . . . .   | 1              | 4                               | 3                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing . . . . .                              | 2              | 81                              | 11                        | 813                 | 27 699            | 600                 | 1 163         | 16 769          | 60 579                | 34 412                            | 94 059                             | 9 448                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing . . . . .  | 4              | 60                              | 5                         | 479                 | 14 382            | 370                 | 730           | 9 707           | 31 665                | 19 198                            | 48 413                             | 1 278                                |
| 33711      | Wood kitchen cabinet and countertop manufacturing . . . . .                        | 3              | 43                              | 4                         | 377                 | 11 874            | 282                 | 577           | 7 812           | 26 694                | 13 498                            | 37 740                             | 1 106                                |
| 337110     | Wood kitchen cabinet and countertop manufacturing . . . . .                        | 3              | 43                              | 4                         | 377                 | 11 874            | 282                 | 577           | 7 812           | 26 694                | 13 498                            | 37 740                             | 1 106                                |
| 339        | Miscellaneous manufacturing . . . . .  | 1              | 105                             | 21                        | 3 674               | 140 924           | 2 398               | 4 626         | 65 666          | 310 643               | 321 556                           | 638 300                            | 30 605                               |
| 3391       | Medical equipment and supplies manufacturing . . . . .                             | 2              | 52                              | 13                        | 2 109               | 97 162            | 1 311               | 2 506         | 45 248          | 217 612               | 241 740                           | 466 571                            | 19 357                               |
| 33911      | Medical equipment and supplies manufacturing . . . . .                             | 2              | 52                              | 13                        | 2 109               | 97 162            | 1 311               | 2 506         | 45 248          | 217 612               | 241 740                           | 466 571                            | 19 357                               |
| 339111     | Laboratory apparatus and furniture manufacturing . . . . .                         | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112     | Surgical and medical instrument manufacturing . . . . .                            | 3              | 11                              | 4                         | 963                 | 44 683            | 652                 | 1 310         | 22 814          | 102 081               | 84 667                            | 195 484                            | 7 565                                |
| 339113     | Surgical appliance and supplies manufacturing . . . . .                            | 1              | 8                               | 3                         | 425                 | 17 938            | 243                 | 322           | 3 818           | 49 543                | 38 118                            | 88 266                             | 3 864                                |
| 3399       | Other miscellaneous manufacturing . . . . .  | 1              | 53                              | 8                         | 1 565               | 43 762            | 1 087               | 2 120         | 20 418          | 93 031                | 79 816                            | 171 729                            | 11 248                               |
| 33995      | Sign manufacturing . . . . .   | —              | 24                              | 4                         | 1 257               | 34 238            | 861                 | 1 703         | 15 997          | 74 279                | 67 779                            | 141 986                            | 10 877                               |
| 339950     | Sign manufacturing . . . . .   | —              | 24                              | 4                         | 1 257               | 34 238            | 861                 | 1 703         | 15 997          | 74 279                | 67 779                            | 141 986                            | 10 877                               |
|            | <b>Kingston, NY Metropolitan Statistical Area</b>                                  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing . . . . .  | 1              | 211                             | 52                        | 5 574               | 193 512           | 4 029               | 7 609         | 115 336         | 450 597               | 367 166                           | 822 320                            | 18 328                               |
| 321        | Wood product manufacturing . . . . .   | 1              | 11                              | 2                         | 270                 | 7 783             | 218                 | 300           | 5 380           | 12 597                | 15 451                            | 27 979                             | 134                                  |
| 323        | Printing and related support activities . . . . .                                  | 1              | 18                              | 5                         | 597                 | 19 291            | 543                 | 1 021         | 17 206          | 46 588                | 39 465                            | 87 787                             | 2 164                                |
| 3231       | Printing and related support activities . . . . .                                  | 1              | 18                              | 5                         | 597                 | 19 291            | 543                 | 1 021         | 17 206          | 46 588                | 39 465                            | 87 787                             | 2 164                                |
| 32311      | Printing . . . . .   | 1              | 17                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110     | Commercial lithographic printing . . . . .   | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing . . . . .   | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 823                                |
| 3259       | Other chemical product and preparation manufacturing . . . . .                     | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32592      | Explosives manufacturing . . . . .   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325920     | Explosives manufacturing . . . . .   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|---|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Kingston, NY Metropolitan Statistical Area—Con.</b>                        |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326   | Plastics and rubber products manufacturing .....   | 7  | 6                               | 4                         | 258                 | 8 764             | 167                 | 355           | 4 117           | 40 750                | 51 587                            | 92 205                             | 2 727                                |
| 3261  | Plastics product manufacturing ..  | 7  | 6                               | 4                         | 258                 | 8 764             | 167                 | 355           | 4 117           | 40 750                | 51 587                            | 92 205                             | 2 727                                |
| 327   | Nonmetallic mineral product manufacturing .....  | —  | 8                               | 4                         | 350                 | 13 532            | 258                 | 480           | 8 112           | 22 876                | 19 187                            | 42 054                             | 1 022                                |
| 331   | Primary metal manufacturing .....  | —  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313  | Alumina and aluminum production and processing .....   | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131   | Alumina and aluminum production and processing ...   | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331316  | Aluminum extruded product manufacturing .....  | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....   | 1  | 33                              | 6                         | 855                 | 27 778            | 688                 | 1 383         | 16 671          | 50 849                | 25 616                            | 77 953                             | 1 477                                |
| 3322  | Cutlery and handtool manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33221   | Cutlery and handtool manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332211  | Cutlery and flatware (except precious) manufacturing ...   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333   | Machinery manufacturing .....  | —  | 17                              | 9                         | 786                 | 35 544            | 499                 | 1 004         | 19 818          | 73 845                | 33 515                            | 107 215                            | 1 071                                |
| 3334  | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341   | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333412  | Industrial and commercial fan and blower manufacturing ..  | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335   | Electrical equipment, appliance, and component manufacturing .....                                 | —  | 7                               | 4                         | 331                 | 10 175            | 225                 | 330           | 4 833           | 23 969                | 22 708                            | 46 996                             | 2 999                                |
| 337   | Furniture and related product manufacturing .....  | 1  | 22                              | 2                         | 262                 | 7 599             | 192                 | 336           | 4 440           | 14 387                | 10 518                            | 25 354                             | 1 682                                |
| <b>New Haven-Milford, CT Metropolitan Statistical Area</b>                    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....  | 2  | 1 455                           | 442                       | 48 872              | 2 074 660         | 29 676              | 60 609        | 1 024 098       | 5 367 899             | 4 105 252                         | 9 632 100                          | 306 034                              |
| 311   | Food manufacturing .....   | 4  | 93                              | 25                        | 3 092               | 97 109            | 2 045               | 4 112         | 61 196          | 302 722               | 268 059                           | 572 050                            | 14 056                               |
| 3113  | Sugar and confectionery product manufacturing .....  | —  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133   | Confectionery manufacturing from purchased chocolate ...   | —  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311330  | Confectionery manufacturing from purchased chocolate ..  | —  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118  | Bakeries and tortilla manufacturing .....  | 5  | 54                              | 9                         | 1 564               | 43 325            | 854                 | 1 806         | 24 083          | 87 794                | 72 341                            | 161 364                            | 2 969                                |
| 31181   | Bread and bakery product manufacturing .....   | 7  | 52                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311811  | Retail bakeries .....  | 4  | 38                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812  | Commercial bakeries .....  | 9  | 12                              | 3                         | 840                 | 23 656            | 434                 | 1 011         | 11 750          | 42 260                | 23 712                            | 65 984                             | D                                    |
| 31182   | Cookie, cracker, and pasta manufacturing .....   | 3  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313   | Textile mills .....  | 4  | 6                               | 5                         | 259                 | 10 940            | 187                 | 409           | 5 387           | 25 605                | 27 472                            | 53 398                             | 593                                  |
| 321   | Wood product manufacturing .....   | 3  | 31                              | 5                         | 343                 | 11 274            | 266                 | 550           | 7 846           | 17 645                | 23 177                            | 40 953                             | 977                                  |
| 3219  | Other wood product manufacturing .....   | 2  | 27                              | 4                         | 277                 | 9 448             | 212                 | 452           | 6 621           | 15 927                | 18 310                            | 34 335                             | D                                    |
| 322   | Paper manufacturing .....  | 2  | 34                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222  | Converted paper product manufacturing .....  | 3  | 32                              | 19                        | 1 401               | 53 430            | 1 015               | 2 080         | 30 732          | 124 510               | 142 143                           | 263 796                            | 6 673                                |
| 32221   | Paperboard container manufacturing .....   | 3  | 15                              | 9                         | 830                 | 33 414            | 592                 | 1 225         | 18 387          | 69 275                | 91 835                            | 160 727                            | 3 431                                |
| 322211  | Corrugated and solid fiber box manufacturing .....   | 3  | 9                               | 5                         | 423                 | 20 226            | 267                 | 575           | 9 674           | 42 976                | 53 809                            | 96 623                             | D                                    |
| 32229   | Other converted paper product manufacturing .....  | 1  | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322299  | All other converted paper product manufacturing .....  | 1  | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>              |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New Haven-Milford, CT Metropolitan Statistical Area—Con.</b>                            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 323        | Printing and related support activities .....  | 2              | 148                             | 26                        | 2 250               | 95 772            | 1 756               | 3 667         | 67 692          | 175 127               | 118 529                           | 312 991                            | 7 874                                |
| 3231       | Printing and related support activities .....  | 2              | 148                             | 26                        | 2 250               | 95 772            | 1 756               | 3 667         | 67 692          | 175 127               | 118 529                           | 312 991                            | 7 874                                |
| 32311      | Printing .....   | 2              | 133                             | 22                        | 2 075               | 85 729            | 1 637               | 3 427         | 62 197          | 158 673               | 112 874                           | 290 948                            | 7 321                                |
| 323110     | Commercial lithographic printing .....   | 2              | 57                              | 11                        | 1 252               | 51 529            | 992                 | 2 112         | 37 516          | 92 477                | 79 332                            | 191 885                            | 3 516                                |
| 325        | Chemical manufacturing .....   | —              | 43                              | 17                        | 5 356               | 206 454           | 1 052               | 2 036         | 43 708          | 1 063 596             | 474 450                           | 1 554 213                          | 60 513                               |
| 3251       | Basic chemical manufacturing ...   | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325199     | All other basic organic chemical manufacturing ....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32521      | Resin and synthetic rubber manufacturing .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325211     | Plastics material and resin manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254       | Pharmaceutical and medicine manufacturing .....  | —              | 5                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541      | Pharmaceutical and medicine manufacturing .....  | —              | 5                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412     | Pharmaceutical preparation manufacturing .....   | —              | 5                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing .                            | 3              | 9                               | 5                         | 273                 | 11 423            | 98                  | 185           | 2 810           | 37 173                | 11 348                            | 48 587                             | 784                                  |
| 3259       | Other chemical product and preparation manufacturing .....                                 | —              | 15                              | 3                         | 376                 | 14 737            | 175                 | 361           | 8 127           | 57 528                | 76 538                            | 133 255                            | 8 223                                |
| 32599      | All other chemical product and preparation manufacturing ...                               | —              | 13                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....   | 3              | 56                              | 20                        | 1 813               | 61 782            | 1 368               | 2 667         | 37 322          | 130 595               | 111 321                           | 241 315                            | 6 000                                |
| 3261       | Plastics product manufacturing ..  | 3              | 46                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 294                                |
| 32619      | Other plastics product manufacturing .....   | 4              | 31                              | 11                        | 1 007               | 33 374            | 777                 | 1 429         | 20 573          | 81 322                | 57 999                            | 139 196                            | 3 309                                |
| 326199     | All other plastics product manufacturing .....   | 4              | 30                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...   | 2              | 10                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 706                                  |
| 32629      | Other rubber product manufacturing .....   | 2              | 6                               | 2                         | 270                 | 8 539             | 195                 | 438           | 5 145           | 15 929                | 8 518                             | 24 281                             | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....  | 1              | 33                              | 14                        | 956                 | 45 254            | 621                 | 1 279         | 24 444          | 122 999               | 66 312                            | 188 563                            | 3 800                                |
| 3272       | Glass and glass product manufacturing .....  | 1              | 9                               | 4                         | 307                 | 10 145            | 231                 | 415           | 6 392           | 20 430                | 19 002                            | 39 793                             | 1 308                                |
| 32721      | Glass and glass product manufacturing .....  | 1              | 9                               | 4                         | 307                 | 10 145            | 231                 | 415           | 6 392           | 20 430                | 19 002                            | 39 793                             | 1 308                                |
| 327215     | Glass product manufacturing made of purchased glass ..                                     | 1              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273       | Cement and concrete product manufacturing .....  | —              | 13                              | 5                         | 433                 | 24 729            | 255                 | 565           | 11 932          | 51 733                | 33 148                            | 84 161                             | 1 861                                |
| 32739      | Other concrete product manufacturing .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327390     | Other concrete product manufacturing .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331        | Primary metal manufacturing .....  | 1              | 39                              | 19                        | 2 200               | 107 409           | 1 530               | 3 334         | 68 865          | 257 550               | 348 795                           | 596 623                            | 9 313                                |
| 3312       | Steel product manufacturing from purchased steel .....                                     | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122      | Rolling and drawing of purchased steel .....   | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New Haven-Milford, CT Metropolitan Statistical Area—Con.</b>                                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331        | Primary metal manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                                | 1              | 22                              | 12                        | 1 379               | 65 188            | 993                 | 2 134         | 44 766          | 174 219               | 195 973                           | 361 317                            | D                                    |
| 33142      | Copper rolling, drawing, extruding, and alloying .....  | 2              | 9                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331421     | Copper rolling, drawing, and extruding .....  | 2              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | 1              | 10                              | 5                         | 533                 | 24 245            | 369                 | 755           | 14 881          | 95 424                | 74 411                            | 161 475                            | D                                    |
| 331491     | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....               | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....  | 1              | 385                             | 96                        | 9 303               | 405 009           | 6 915               | 14 334        | 253 890         | 983 102               | 499 465                           | 1 463 821                          | 62 746                               |
| 3321       | Forging and stamping .....  | 1              | 38                              | 20                        | 1 337               | 63 510            | 1 039               | 2 205         | 42 763          | 117 293               | 115 250                           | 231 274                            | 5 158                                |
| 33211      | Forging and stamping .....  | 1              | 38                              | 20                        | 1 337               | 63 510            | 1 039               | 2 205         | 42 763          | 117 293               | 115 250                           | 231 274                            | 5 158                                |
| 332116     | Metal stamping .....  | 1              | 31                              | 16                        | 1 067               | 52 928            | 832                 | 1 797         | 35 623          | 97 352                | 89 901                            | 186 915                            | D                                    |
| 3322       | Cutlery and handtool manufacturing .....  | —              | 8                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33221      | Cutlery and handtool manufacturing .....  | —              | 8                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332211     | Cutlery and flatware (except precious) manufacturing .....  | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323       | Architectural and structural metals manufacturing .....   | 4              | 59                              | 9                         | 816                 | 30 297            | 549                 | 1 059         | 16 007          | 57 766                | 29 261                            | 86 109                             | 7 117                                |
| 33232      | Ornamental and architectural metal products manufacturing .....                                   | 3              | 46                              | 8                         | 716                 | 26 527            | 476                 | 918           | 13 643          | 49 458                | 24 642                            | 73 615                             | 6 864                                |
| 332322     | Sheet metal work manufacturing .....  | 3              | 28                              | 3                         | 269                 | 9 911             | 182                 | 357           | 5 652           | 18 731                | 8 653                             | 26 817                             | 2 199                                |
| 3325       | Hardware manufacturing .....  | —              | 11                              | 5                         | 1 121               | 45 421            | 798                 | 1 680         | 27 735          | 133 555               | 85 818                            | 218 293                            | D                                    |
| 33251      | Hardware manufacturing .....  | —              | 11                              | 5                         | 1 121               | 45 421            | 798                 | 1 680         | 27 735          | 133 555               | 85 818                            | 218 293                            | D                                    |
| 332510     | Hardware manufacturing .....  | —              | 11                              | 5                         | 1 121               | 45 421            | 798                 | 1 680         | 27 735          | 133 555               | 85 818                            | 218 293                            | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                       | 2              | 181                             | 31                        | 2 767               | 108 791           | 2 142               | 4 161         | 73 976          | 213 249               | 72 076                            | 281 331                            | 13 529                               |
| 33271      | Machine shops .....   | 5              | 116                             | 10                        | 1 259               | 52 685            | 928                 | 1 831         | 34 353          | 91 301                | 37 739                            | 128 054                            | 7 448                                |
| 332710     | Machine shops .....   | 5              | 116                             | 10                        | 1 259               | 52 685            | 928                 | 1 831         | 34 353          | 91 301                | 37 739                            | 128 054                            | 7 448                                |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                       | —              | 65                              | 21                        | 1 508               | 56 106            | 1 214               | 2 330         | 39 623          | 121 948               | 34 337                            | 153 277                            | 6 081                                |
| 332721     | Precision turned product manufacturing .....  | 1              | 54                              | 19                        | 1 237               | 44 153            | 1 012               | 1 901         | 32 167          | 96 826                | 27 047                            | 122 423                            | 4 776                                |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....   | —              | 11                              | 2                         | 271                 | 11 953            | 202                 | 429           | 7 456           | 25 122                | 7 290                             | 30 854                             | 1 305                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                    | —              | 35                              | 13                        | 1 026               | 38 953            | 788                 | 1 595         | 24 540          | 79 458                | 44 513                            | 122 234                            | 3 652                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..                                       | —              | 35                              | 13                        | 1 026               | 38 953            | 788                 | 1 595         | 24 540          | 79 458                | 44 513                            | 122 234                            | 3 652                                |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .. | 1              | 12                              | 5                         | 463                 | 18 841            | 345                 | 771           | 11 517          | 40 585                | 20 762                            | 60 182                             | 2 706                                |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                 | —              | 19                              | 8                         | 527                 | 18 273            | 418                 | 769           | 11 874          | 34 774                | 22 872                            | 57 950                             | D                                    |
| 3329       | Other fabricated metal product manufacturing .....  | —              | 34                              | 8                         | 1 200               | 49 716            | 884                 | 1 886         | 30 856          | 123 023               | 81 379                            | 202 869                            | 3 950                                |
| 33299      | All other fabricated metal product manufacturing .....  | —              | 28                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332994     | Small arms manufacturing .....  | —              | 6                               | 4                         | 816                 | 34 546            | 618                 | 1 349         | 22 379          | 89 922                | 52 713                            | 141 052                            | D                                    |
| 333        | Machinery manufacturing .....   | 2              | 147                             | 41                        | 3 114               | 143 421           | 1 624               | 3 126         | 51 247          | 258 844               | 150 365                           | 406 825                            | 13 236                               |
| 3332       | Industrial machinery manufacturing .....  | 2              | 21                              | 7                         | 383                 | 17 080            | 204                 | 387           | 6 241           | 34 344                | 20 419                            | 54 936                             | 425                                  |
| 33329      | Other industrial machinery manufacturing .....  | 3              | 17                              | 5                         | 297                 | 13 658            | 153                 | 285           | 5 053           | 28 782                | 15 523                            | 44 599                             | D                                    |
| 3333       | Commercial and service industry machinery manufacturing .....                                     | —              | 11                              | 7                         | 405                 | 16 011            | 260                 | 505           | 7 170           | 34 793                | 25 042                            | 59 129                             | D                                    |
| 33331      | Commercial and service industry machinery manufacturing .....                                     | —              | 11                              | 7                         | 405                 | 16 011            | 260                 | 505           | 7 170           | 34 793                | 25 042                            | 59 129                             | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
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|            | <b>New Haven-Milford, CT Metropolitan Statistical Area—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3335       | Metalworking machinery manufacturing .....  | 3              | 71                              | 14                        | 921                 | 40 094            | 619                 | 1 258         | 22 150          | 67 794                | 30 321                            | 98 071                             | 4 139                                |
| 33351      | Metalworking machinery manufacturing .....  | 3              | 71                              | 14                        | 921                 | 40 094            | 619                 | 1 258         | 22 150          | 67 794                | 30 321                            | 98 071                             | 4 139                                |
| 333515     | Cutting tool and machine tool accessory manufacturing...  | 6              | 18                              | 6                         | 385                 | 14 339            | 275                 | 577           | 8 728           | 26 484                | 10 416                            | 36 647                             | 703                                  |
| 3339       | Other general purpose machinery manufacturing .....   | —              | 33                              | 9                         | 1 184               | 62 399            | 382                 | 721           | 11 264          | 102 108               | 56 555                            | 156 833                            | 6 257                                |
| 33399      | All other general purpose machinery manufacturing ....  | —              | 27                              | 8                         | 1 095               | 58 041            | 330                 | 623           | 9 258           | 90 932                | 51 176                            | 140 414                            | 6 009                                |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....   | —              | 19                              | 5                         | 899                 | 48 215            | 239                 | 441           | 5 978           | 68 219                | 39 491                            | 104 902                            | 5 041                                |
| 334        | Computer and electronic product manufacturing .....   | 3              | 110                             | 44                        | 5 598               | 270 918           | 2 785               | 5 500         | 88 030          | 731 737               | 431 642                           | 1 160 834                          | 21 119                               |
| 3342       | Communications equipment manufacturing .....  | 2              | 14                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33421      | Telephone apparatus manufacturing .....   | 5              | 7                               | 4                         | 549                 | 28 960            | 170                 | 266           | 6 685           | 68 861                | 55 374                            | 124 646                            | 2 401                                |
| 334210     | Telephone apparatus manufacturing .....   | 5              | 7                               | 4                         | 549                 | 28 960            | 170                 | 266           | 6 685           | 68 861                | 55 374                            | 124 646                            | 2 401                                |
| 33429      | Other communications equipment manufacturing ....   | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334290     | Other communications equipment manufacturing ..   | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3343       | Audio and video equipment manufacturing .....   | 3              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33431      | Audio and video equipment manufacturing .....   | 3              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334310     | Audio and video equipment manufacturing .....   | 3              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344       | Semiconductor and other electronic component manufacturing .....  | 2              | 44                              | 18                        | 1 454               | 62 161            | 1 053               | 2 132         | 35 667          | 133 011               | 99 315                            | 236 360                            | 6 369                                |
| 33441      | Semiconductor and other electronic component manufacturing .....  | 2              | 44                              | 18                        | 1 454               | 62 161            | 1 053               | 2 132         | 35 667          | 133 011               | 99 315                            | 236 360                            | 6 369                                |
| 334412     | Bare printed circuit board manufacturing .....  | —              | 8                               | 4                         | 507                 | 23 054            | 407                 | 848           | 17 776          | 39 211                | 39 183                            | 80 657                             | D                                    |
| 334419     | Other electronic component manufacturing .....  | 2              | 16                              | 7                         | 515                 | 21 652            | 337                 | 643           | 9 318           | 57 623                | 37 347                            | 96 281                             | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....                          | 4              | 46                              | 16                        | 2 394               | 125 182           | 1 067               | 2 034         | 31 504          | 312 682               | 129 582                           | 420 581                            | 7 539                                |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...                            | 4              | 46                              | 16                        | 2 394               | 125 182           | 1 067               | 2 034         | 31 504          | 312 682               | 129 582                           | 420 581                            | 7 539                                |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing...  | 9              | 8                               | 3                         | 910                 | 51 115            | 400                 | 816           | 11 721          | 130 863               | 55 520                            | 189 696                            | D                                    |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing ..... | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334519     | Other measuring and controlling device manufacturing .....  | —              | 9                               | 4                         | 703                 | 40 207            | 248                 | 407           | 6 764           | 89 940                | 32 217                            | 112 799                            | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....  | 1              | 49                              | 25                        | 2 507               | 101 681           | 1 627               | 3 409         | 44 463          | 204 521               | 174 918                           | 387 972                            | 26 177                               |
| 3351       | Electric lighting equipment manufacturing .....   | —              | 9                               | 6                         | 792                 | 31 465            | 594                 | 1 322         | 13 928          | 75 465                | 35 192                            | 109 965                            | D                                    |
| 33511      | Electric lamp bulb and part manufacturing .....   | —              | 3                               | 3                         | 537                 | 21 658            | 440                 | 995           | 10 532          | 49 595                | 22 746                            | 71 655                             | 1 230                                |
| 335110     | Electric lamp bulb and part manufacturing .....   | —              | 3                               | 3                         | 537                 | 21 658            | 440                 | 995           | 10 532          | 49 595                | 22 746                            | 71 655                             | 1 230                                |
| 33512      | Lighting fixture manufacturing ..   | 2              | 6                               | 3                         | 255                 | 9 807             | 154                 | 327           | 3 396           | 25 870                | 12 446                            | 38 310                             | D                                    |
| 3353       | Electrical equipment manufacturing .....  | 3              | 16                              | 7                         | 509                 | 20 182            | 303                 | 591           | 8 265           | 21 969                | 31 740                            | 61 924                             | D                                    |
| 33531      | Electrical equipment manufacturing .....  | 3              | 16                              | 7                         | 509                 | 20 182            | 303                 | 591           | 8 265           | 21 969                | 31 740                            | 61 924                             | D                                    |
| 335312     | Motor and generator manufacturing .....   | —              | 4                               | 3                         | 279                 | 11 228            | 157                 | 316           | 4 847           | 6 257                 | 21 029                            | 35 473                             | 1 022                                |

See footnotes at end of table.

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|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New Haven-Milford, CT Metropolitan Statistical Area—Con.</b>                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335        | Electrical equipment, appliance, and component manufacturing—Con.                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3359       | Other electrical equipment and component manufacturing . . . . .                  | —              | 24                              | 12                        | 1 206               | 50 034            | 730                 | 1 496         | 22 270          | 107 087               | 107 986                           | 216 083                            | D                                    |
| 33592      | Communication and energy wire and cable manufacturing . . . . .                   | —              | 9                               | 5                         | 822                 | 34 086            | 492                 | 1 027         | 15 247          | 69 885                | 86 258                            | 157 033                            | D                                    |
| 335929     | Other communication and energy wire manufacturing . . . . .                       | —              | 9                               | 5                         | 822                 | 34 086            | 492                 | 1 027         | 15 247          | 69 885                | 86 258                            | 157 033                            | D                                    |
| 336        | Transportation equipment manufacturing . . . . .                                  | —              | 44                              | 27                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 29 106                               |
| 3363       | Motor vehicle parts manufacturing . . . . .                                       | —              | 24                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33631      | Motor vehicle gasoline engine and engine parts manufacturing . . . . .            | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336312     | Gasoline engine and engine parts manufacturing . . . . .                          | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing . . . . .         | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing . . . . .   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33639      | Other motor vehicle parts manufacturing . . . . .                                 | —              | 4                               | 3                         | 426                 | 19 577            | 316                 | 681           | 13 563          | 74 434                | 38 084                            | 114 651                            | 992                                  |
| 336399     | All other motor vehicle parts manufacturing . . . . .                             | —              | 4                               | 3                         | 426                 | 19 577            | 316                 | 681           | 13 563          | 74 434                | 38 084                            | 114 651                            | 992                                  |
| 3364       | Aerospace product and parts manufacturing . . . . .                               | —              | 15                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641      | Aerospace product and parts manufacturing . . . . .                               | —              | 15                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412     | Aircraft engine and engine parts manufacturing . . . . .                          | —              | 8                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing . . . . .                             | 2              | 63                              | 11                        | 859                 | 25 090            | 610                 | 1 208         | 15 543          | 49 854                | 34 234                            | 83 387                             | 5 669                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing . . . . . | 2              | 43                              | 6                         | 527                 | 15 110            | 421                 | 816           | 10 463          | 31 679                | 23 563                            | 54 789                             | 5 258                                |
| 33711      | Wood kitchen cabinet and countertop manufacturing . . . . .                       | 1              | 32                              | 3                         | 376                 | 10 520            | 301                 | 579           | 7 548           | 23 312                | 17 707                            | 40 469                             | D                                    |
| 337110     | Wood kitchen cabinet and countertop manufacturing . . . . .                       | 1              | 32                              | 3                         | 376                 | 10 520            | 301                 | 579           | 7 548           | 23 312                | 17 707                            | 40 469                             | D                                    |
| 3372       | Office furniture (including fixtures) manufacturing . . . . .                     | 4              | 16                              | 5                         | 313                 | 9 410             | 175                 | 367           | 4 758           | 16 909                | 8 723                             | 25 384                             | D                                    |
| 33721      | Office furniture (including fixtures) manufacturing . . . . .                     | 4              | 16                              | 5                         | 313                 | 9 410             | 175                 | 367           | 4 758           | 16 909                | 8 723                             | 25 384                             | D                                    |
| 337212     | Custom architectural woodwork and millwork manufacturing . . . . .                | 4              | 10                              | 4                         | 255                 | 7 697             | 133                 | 294           | 3 706           | 13 921                | 6 571                             | 20 373                             | 356                                  |
| 339        | Miscellaneous manufacturing . . . . .   | 4              | 117                             | 36                        | 5 114               | 226 186           | 3 119               | 6 318         | 97 157          | 403 557               | 606 300                           | 1 119 826                          | 35 922                               |
| 3391       | Medical equipment and supplies manufacturing . . . . .                            | 2              | 48                              | 20                        | 2 923               | 127 247           | 1 676               | 3 513         | 49 517          | 199 897               | 303 195                           | 611 049                            | 18 592                               |
| 33911      | Medical equipment and supplies manufacturing . . . . .                            | 2              | 48                              | 20                        | 2 923               | 127 247           | 1 676               | 3 513         | 49 517          | 199 897               | 303 195                           | 611 049                            | 18 592                               |
| 339112     | Surgical and medical instrument manufacturing . . . . .                           | —              | 14                              | 7                         | 2 088               | 96 480            | 1 114               | 2 454         | 33 809          | 125 142               | 239 379                           | 473 485                            | 15 640                               |
| 339116     | Dental laboratories . . . . .   | 8              | 22                              | 5                         | 394                 | 12 732            | 274                 | 543           | 7 578           | 18 502                | 3 249                             | 21 697                             | 824                                  |
| 3399       | Other miscellaneous manufacturing . . . . .                                       | 8              | 69                              | 16                        | 2 191               | 98 939            | 1 443               | 2 805         | 47 640          | 203 660               | 303 105                           | 508 777                            | 17 330                               |
| 33994      | Office supplies (except paper) manufacturing . . . . .                            | 9              | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339941     | Pen and mechanical pencil manufacturing . . . . .                                 | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33999      | All other miscellaneous manufacturing . . . . .                                   | 1              | 34                              | 10                        | 1 003               | 34 146            | 743                 | 1 458         | 19 576          | 69 040                | 30 022                            | 101 666                            | D                                    |
| 339991     | Gasket, packing, and sealing device manufacturing . . . . .                       | —              | 5                               | 3                         | 312                 | 11 784            | 218                 | 463           | 5 862           | 22 407                | 10 196                            | 33 349                             | 893                                  |
| 339993     | Fastener, button, needle, and pin manufacturing . . . . .                         | 3              | 6                               | 4                         | 387                 | 11 812            | 326                 | 614           | 8 365           | 25 147                | 12 509                            | 39 710                             | D                                    |
| 339999     | All other miscellaneous manufacturing . . . . .                                   | 1              | 23                              | 3                         | 304                 | 10 550            | 199                 | 381           | 5 349           | 21 486                | 7 317                             | 28 607                             | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area</b>         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | 2              | '21 761                         | '5 463                    | '558 497            | '22 116 527       | '363 343            | '707 170      | '11 063 225     | '76 030 006           | '56 352 580                       | '132 667 772                       | '3 604 807                           |
| 311        | Food manufacturing .....  | '3             | '2 212                          | '397                      | '44 399             | '1 468 801        | '28 466             | '54 271       | '808 340        | '5 122 711            | '5 064 655                        | '10 174 975                        | '239 694                             |
| 3111       | Animal food manufacturing .....   | 1              | 14                              | 6                         | 600                 | 20 120            | 435                 | 957           | 10 322          | 187 328               | 179 129                           | 367 138                            | D                                    |
| 31111      | Animal food manufacturing ....  | 1              | 14                              | 6                         | 600                 | 20 120            | 435                 | 957           | 10 322          | 187 328               | 179 129                           | 367 138                            | D                                    |
| 311119     | Other animal food manufacturing .....   | 4              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3112       | Grain and oilseed milling .....   | 5              | 14                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31122      | Starch and vegetable fats and oils manufacturing .....                        | 6              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113       | Sugar and confectionery product manufacturing .....                           | 6              | 118                             | 23                        | 2 964               | 111 930           | 2 302               | 4 864         | 64 569          | 339 000               | 649 222                           | 989 132                            | 18 038                               |
| 31131      | Sugar manufacturing .....   | 9              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311312     | Cane sugar refining .....   | 9              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133      | Confectionery manufacturing from purchased chocolate ....                     | 2              | 60                              | 10                        | 1 576               | 42 970            | 1 311               | 2 817         | 26 884          | 102 275               | 88 405                            | 187 156                            | 5 823                                |
| 311330     | Confectionery manufacturing from purchased chocolate ..                       | 2              | 60                              | 10                        | 1 576               | 42 970            | 1 311               | 2 817         | 26 884          | 102 275               | 88 405                            | 187 156                            | 5 823                                |
| 31134      | Nonchocolate confectionery manufacturing .....                                | 1              | 36                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311340     | Nonchocolate confectionery manufacturing .....                                | 1              | 36                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....         | 1              | 67                              | 24                        | 2 185               | 71 240            | 1 760               | 3 406         | 49 549          | 318 521               | 311 199                           | 630 098                            | 11 230                               |
| 31141      | Frozen food manufacturing ....  | 3              | 34                              | 14                        | 1 016               | 32 269            | 864                 | 1 753         | 23 596          | 136 059               | 97 926                            | 233 975                            | 3 560                                |
| 311412     | Frozen specialty food manufacturing .....                                     | 3              | 29                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142      | Fruit and vegetable canning, pickling, and drying .....                       | 1              | 33                              | 10                        | 1 169               | 38 971            | 896                 | 1 653         | 25 953          | 182 462               | 213 273                           | 396 123                            | 7 670                                |
| 311421     | Fruit and vegetable canning ..  | —              | 23                              | 9                         | 1 075               | 34 977            | 825                 | 1 493         | 23 537          | 166 708               | 203 928                           | 370 663                            | 7 065                                |
| 3115       | Dairy product manufacturing .....   | 1              | 87                              | 24                        | 3 235               | 134 067           | 2 136               | 4 580         | 81 036          | 476 297               | 880 937                           | 1 357 305                          | 27 033                               |
| 31151      | Dairy product (except frozen) manufacturing .....                             | 1              | 50                              | 18                        | 2 632               | 119 730           | 1 592               | 3 518         | 69 783          | 420 380               | 843 347                           | 1 263 874                          | 23 942                               |
| 311511     | Fluid milk manufacturing ....   | —              | 11                              | 8                         | 1 797               | 93 969            | 934                 | 2 242         | 52 974          | 343 936               | 628 003                           | 972 356                            | 15 189                               |
| 311513     | Cheese manufacturing .....  | 4              | 28                              | 9                         | 748                 | 20 365            | 608                 | 1 168         | 14 814          | 64 091                | 172 714                           | 236 550                            | D                                    |
| 31152      | Ice cream and frozen dessert manufacturing .....                              | 4              | 37                              | 6                         | 603                 | 14 337            | 544                 | 1 062         | 11 253          | 55 917                | 37 590                            | 93 431                             | 3 091                                |
| 311520     | Ice cream and frozen dessert manufacturing .....                              | 4              | 37                              | 6                         | 603                 | 14 337            | 544                 | 1 062         | 11 253          | 55 917                | 37 590                            | 93 431                             | 3 091                                |
| 3116       | Animal slaughtering and processing .....                                      | 2              | 145                             | 47                        | 3 958               | 145 891           | 2 951               | 6 189         | 86 963          | 385 701               | 625 102                           | 1 012 530                          | 16 570                               |
| 31161      | Animal slaughtering and processing .....                                      | 2              | 145                             | 47                        | 3 958               | 145 891           | 2 951               | 6 189         | 86 963          | 385 701               | 625 102                           | 1 012 530                          | 16 570                               |
| 311611     | Animal (except poultry) slaughtering .....                                    | 4              | 40                              | 8                         | 628                 | 18 579            | 508                 | 1 071         | 12 424          | 33 795                | 152 241                           | 186 444                            | 4 250                                |
| 311612     | Meat processed from carcasses .....   | 2              | 83                              | 30                        | 2 579               | 102 451           | 1 925               | 4 068         | 61 440          | 272 070               | 365 665                           | 638 365                            | 9 505                                |
| 311615     | Poultry processing .....  | 1              | 21                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3117       | Seafood product preparation and packaging .....                               | 3              | 22                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31171      | Seafood product preparation and packaging .....                               | 3              | 22                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311711     | Seafood canning .....   | 4              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311712     | Fresh and frozen seafood processing .....                                     | 2              | 17                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....                                     | 2              | 1 489                           | 174                       | 20 982              | 606 705           | 11 866              | 21 160        | 319 456         | 2 027 515             | 886 781                           | 2 911 471                          | 71 622                               |
| 31181      | Bread and bakery product manufacturing .....                                  | 3              | 1 409                           | 152                       | 17 467              | 463 158           | 9 153               | 15 463        | 226 496         | 1 372 295             | 591 524                           | 1 963 432                          | 49 636                               |
| 311811     | Retail bakeries .....   | 4              | 1 026                           | 66                        | 6 667               | 110 142           | 3 434               | 4 831         | 55 730          | 226 914               | 122 087                           | 348 992                            | 8 857                                |
| 311812     | Commercial bakeries .....   | 2              | 360                             | 77                        | 10 381              | 341 318           | 5 378               | 9 974         | 162 520         | 1 116 420             | 442 507                           | 1 558 720                          | 39 214                               |
| 311813     | Frozen cakes, pies, and other pastries manufacturing .....                    | 5              | 23                              | 9                         | 419                 | 11 698            | 341                 | 658           | 8 246           | 28 961                | 26 930                            | 55 720                             | 1 565                                |
| 31182      | Cookie, cracker, and pasta manufacturing .....                                | 2              | 77                              | 21                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821     | Cookie and cracker manufacturing .....  | —              | 34                              | 12                        | 2 587               | 99 436            | 2 064               | 4 323         | 69 099          | 520 025               | 169 444                           | 686 910                            | 15 397                               |
| 311822     | Flour mixes and dough manufacturing from purchased flour .....                | 7              | 12                              | 5                         | 485                 | 25 127            | 322                 | 731           | 11 667          | 74 261                | 77 297                            | 151 819                            | D                                    |
| 311823     | Dry pasta manufacturing ....  | 3              | 31                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
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|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 311        | Food manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3119       | Other food manufacturing .....  | 2                               | '256  | '85                       | '8 931              | '332 352           | '5 811              | '11 168       | '169 638              | '1 268 251                        | '1 169 029                         | '2 424 321                           | '75 097         |
| 31191      | Snack food manufacturing .....  | 1                               | 19    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311919     | Other snack food manufacturing .....  | 1                               | 14    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31192      | Coffee and tea manufacturing .....  | 2                               | 22    | 12                        | 1 109               | 51 025             | 752                 | 1 441         | 29 768                | 199 975                           | 211 304                            | 409 276                              | 18 416          |
| 311920     | Coffee and tea manufacturing .....  | 2                               | 22    | 12                        | 1 109               | 51 025             | 752                 | 1 441         | 29 768                | 199 975                           | 211 304                            | 409 276                              | 18 416          |
| 31193      | Flavoring syrup and concentrate manufacturing .....                           | 5                               | 24    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311930     | Flavoring syrup and concentrate manufacturing .....                           | 5                               | 24    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31194      | Seasoning and dressing manufacturing .....                                    | 2                               | 44    | 22                        | 2 132               | 95 682             | 1 422               | 2 776         | 49 231                | 395 846                           | 436 822                            | 825 669                              | 16 535          |
| 311941     | Mayonnaise, dressing, and other prepared sauce manufacturing .....            | 3                               | 17    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311942     | Spice and extract manufacturing .....   | 1                               | 27    | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31199      | All other food manufacturing .....  | 2                               | '147  | '33                       | '4 616              | '145 737           | '2 932              | '5 590        | '70 486               | '473 844                          | '404 706                           | '878 558                             | D               |
| 311991     | Perishable prepared food manufacturing .....                                  | 2                               | 41    | 11                        | 1 473               | 42 294             | 997                 | 2 124         | 23 545                | 103 875                           | 106 845                            | 210 570                              | D               |
| 311999     | All other miscellaneous food manufacturing .....                              | 2                               | '106  | '22                       | '3 143              | '103 443           | '1 935              | '3 466        | '46 941               | '369 969                          | '297 861                           | '667 988                             | D               |
| 312        | Beverage and tobacco product manufacturing .....                              | 2                               | 89    | 26                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 89 818          |
| 3121       | Beverage manufacturing .....  | 1                               | 81    | 25                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31211      | Soft drink and ice manufacturing .....  | 2                               | 52    | 18                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312111     | Soft drink manufacturing .....  | 2                               | 31    | 16                        | 3 030               | 124 864            | 1 472               | 3 074         | 56 075                | 428 258                           | 870 810                            | 1 298 888                            | 47 108          |
| 31212      | Breweries .....   | —                               | 6     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312120     | Breweries .....   | —                               | 6     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31213      | Wineries .....  | 3                               | 21    | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312130     | Wineries .....  | 3                               | 21    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313        | Textile mills .....   | 3                               | 578   | 153                       | 12 581              | 386 887            | 9 883               | 19 527        | 246 508               | 1 059 983                         | 1 385 064                          | 2 449 626                            | 43 118          |
| 3131       | Fiber, yarn, and thread mills .....   | —                               | 30    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31311      | Fiber, yarn, and thread mills .....   | —                               | 30    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313112     | Yarn texturizing, throwing, and twisting mills .....                          | —                               | 6     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3132       | Fabric mills .....  | 3                               | 246   | 51                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31321      | Broadwoven fabric mills .....   | 4                               | 63    | 10                        | 765                 | 22 369             | 624                 | 1 199         | 14 879                | 83 166                            | 100 273                            | 182 006                              | 2 545           |
| 313210     | Broadwoven fabric mills .....   | 4                               | 63    | 10                        | 765                 | 22 369             | 624                 | 1 199         | 14 879                | 83 166                            | 100 273                            | 182 006                              | 2 545           |
| 31322      | Narrow fabric mills and schiffli machine embroidery .....                     | 1                               | 69    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313221     | Narrow fabric mills .....   | 1                               | 22    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313222     | Schiffli machine embroidery .....   | 1                               | 47    | 4                         | 478                 | 13 326             | 383                 | 766           | 9 541                 | 26 564                            | 17 001                             | 43 866                               | D               |
| 31323      | Nonwoven fabric mills .....   | 4                               | 20    | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313230     | Nonwoven fabric mills .....   | 4                               | 20    | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31324      | Knit fabric mills .....   | 4                               | 94    | 27                        | 2 270               | 60 603             | 1 906               | 3 711         | 42 022                | 153 774                           | 150 194                            | 309 244                              | 6 522           |
| 313241     | Weft knit fabric mills .....  | 3                               | 45    | 10                        | 1 277               | 32 755             | 1 101               | 2 083         | 24 751                | 77 236                            | 86 298                             | 168 386                              | 3 365           |
| 313249     | Other knit fabric and lace mills .....  | 4                               | 49    | 17                        | 993                 | 27 848             | 805                 | 1 628         | 17 271                | 76 538                            | 63 896                             | 140 858                              | 3 157           |
| 3133       | Textile and fabric finishing and fabric coating mills .....                   | 4                               | 302   | 93                        | 7 303               | 239 674            | 5 641               | 11 247        | 150 574               | 657 947                           | 890 678                            | 1 557 533                            | D               |
| 31331      | Textile and fabric finishing mills .....                                      | 4                               | 281   | 82                        | 6 536               | 206 138            | 5 061               | 10 066        | 130 152               | 578 834                           | 784 654                            | 1 372 070                            | D               |
| 313311     | Broadwoven fabric finishing mills .....                                       | 4                               | 201   | 58                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 18 114          |
| 313312     | Textile and fabric finishing (except broadwoven fabric) mills .....           | 6                               | 80    | 24                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31332      | Fabric coating mills .....  | —                               | 21    | 11                        | 767                 | 33 536             | 580                 | 1 181         | 20 422                | 79 113                            | 106 024                            | 185 463                              | D               |
| 313320     | Fabric coating mills .....  | —                               | 21    | 11                        | 767                 | 33 536             | 580                 | 1 181         | 20 422                | 79 113                            | 106 024                            | 185 463                              | D               |
| 314        | Textile product mills .....   | '2                              | '525  | '110                      | '10 120             | '280 203           | '7 368              | '14 210       | '152 984              | '743 568                          | '810 592                           | '1 560 886                           | D               |
| 3141       | Textile furnishings mills .....   | 2                               | 224   | 52                        | 4 685               | 135 005            | 3 313               | 6 562         | 67 713                | 429 539                           | 499 381                            | 928 581                              | 10 610          |
| 31411      | Carpet and rug mills .....  | 5                               | 12    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314110     | Carpet and rug mills .....  | 5                               | 12    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31412      | Curtain and linen mills .....   | 2                               | 212   | 49                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314121     | Curtain and drapery mills .....   | 3                               | 129   | 22                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314129     | Other household textile product mills .....                                   | 2                               | 83    | 27                        | 1 976               | 58 834             | 1 561               | 3 091         | 32 337                | 276 528                           | 353 783                            | 630 951                              | D               |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | All establishments <sup>2</sup> |        | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|------------|---|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>             |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 314        | Textile product mills—Con.  |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3149       | Other textile product mills .....   | 3                               | '301   | '58                       | '5 435              | '145 198           | '4 055              | '7 648        | '85 271               | '314 029                          | '311 211                           | '632 305                             | D               |
| 31491      | Textile bag and canvas mills ...  | 3                               | '106   | '13                       | '1 127              | '33 139            | '899                | '1 754        | '22 133               | '68 727                           | '58 297                            | '127 019                             | D               |
| 314912     | Canvas and related product mills .....  | '3                              | '88    | '9                        | '915                | '26 732            | '733                | '1 424        | '18 971               | '61 444                           | '41 244                            | '102 461                             | D               |
| 31499      | All other textile product mills ...   | 3                               | 195    | 45                        | 4 308               | 112 059            | 3 156               | 5 894         | 63 138                | 245 302                           | 252 914                            | 505 286                              | D               |
| 314999     | All other miscellaneous textile product mills .....                                       | 3                               | 191    | 44                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315        | Apparel manufacturing .....   | 4                               | '2 762 | '569                      | '50 289             | '1 176 195         | '37 701             | '66 294       | '653 513              | '3 090 326                        | '3 774 479                         | '6 891 675                           | '55 022         |
| 3151       | Apparel knitting mills .....  | 3                               | 179    | 46                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31519      | Other apparel knitting mills ....   | 3                               | 164    | 45                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315191     | Outerwear knitting mills .....  | 3                               | 158    | 45                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3152       | Cut and sew apparel manufacturing .....   | 4                               | '2 311 | '466                      | '42 004             | '983 636           | '31 217             | '54 076       | '532 391              | '2 660 492                        | '3 213 337                         | '5 898 794                           | '45 103         |
| 31521      | Cut and sew apparel contractors .....   | 6                               | 1 501  | 240                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315211     | Men's and boys' cut and sew apparel contractors .....                                     | 6                               | 130    | 23                        | 1 751               | 26 655             | 1 497               | 2 409         | 20 715                | 56 292                            | 4 254                              | 60 443                               | D               |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....                       | 6                               | 1 371  | 217                       | j                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                                   | 2                               | 114    | 37                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315222     | Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....                  | 3                               | 57     | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315223     | Men's and boys' cut and sew shirt (except work shirt) manufacturing .....                 | 3                               | 17     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 251             |
| 315224     | Men's and boys' cut and sew trouser, slack, and jean manufacturing .....                  | 1                               | 8      | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315228     | Men's and boys' cut and sew other outerwear manufacturing .....                           | 3                               | 24     | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 127             |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                                | 3                               | '542   | '165                      | '18 066             | '566 276           | '10 855             | '19 155       | '236 462              | '1 838 943                        | '2 771 608                         | '4 614 354                           | '36 471         |
| 315231     | Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....    | 2                               | 32     | 10                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315232     | Women's and girls' cut and sew blouse and shirt manufacturing .....                       | 6                               | 69     | 20                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 994           |
| 315233     | Women's and girls' cut and sew dress manufacturing ...                                    | 4                               | '197   | '66                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315234     | Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing ..... | 2                               | 69     | 25                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315239     | Women's and girls' cut and sew other outerwear manufacturing .....                        | 3                               | 175    | 44                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 5 639           |
| 31529      | Other cut and sew apparel manufacturing .....   | 3                               | 154    | 24                        | 2 800               | 69 131             | 1 806               | 3 428         | 32 730                | 160 338                           | 156 098                            | 319 352                              | D               |
| 315292     | Fur and leather apparel manufacturing .....   | 6                               | 81     | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315299     | All other cut and sew apparel manufacturing .....   | 2                               | 67     | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 288           |
| 3159       | Apparel accessories and other apparel manufacturing .....                                 | 3                               | 272    | 57                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31599      | Apparel accessories and other apparel manufacturing .....                                 | 3                               | 272    | 57                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315991     | Hat, cap, and millinery manufacturing .....   | 3                               | 62     | 17                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315993     | Men's and boys' neckwear manufacturing .....  | 1                               | 37     | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315999     | Other apparel accessories and other apparel manufacturing .....                           | 5                               | 170    | 26                        | 2 645               | 60 082             | 2 042               | 3 801         | 37 144                | 107 148                           | 114 473                            | 220 981                              | D               |
| 316        | Leather and allied product manufacturing .....  | 1                               | 149    | 32                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3161       | Leather and hide tanning and finishing .....  | 1                               | 25     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31611      | Leather and hide tanning and finishing .....  | 1                               | 25     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 316110     | Leather and hide tanning and finishing .....  | 1                               | 25     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 316        | Leather and allied product manufacturing—Con.                                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3162       | Footwear manufacturing .....  | 1              | 21                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31621      | Footwear manufacturing .....  | 1              | 21                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316212     | House slipper manufacturing .....   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3169       | Other leather and allied product manufacturing .....                          | 2              | 103                             | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31699      | Other leather and allied product manufacturing .....                          | 2              | 103                             | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316991     | Luggage manufacturing .....   | 1              | 24                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316993     | Personal leather goods (except women's handbag and purse) manufacturing ..    | 5              | 21                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316999     | All other leather goods manufacturing .....                                   | 3              | 26                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....  | 4              | 304                             | 58                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3212       | Veneer, plywood, and engineered wood product manufacturing ....               | 4              | 13                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....              | 4              | 13                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....  | 4              | 276                             | 49                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork .....  | 4              | 173                             | 36                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 533                                |
| 321911     | Wood window and door manufacturing .....                                      | 2              | 62                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321918     | Other millwork (including flooring) .....                                     | 6              | 99                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32192      | Wood container and pallet manufacturing .....                                 | 3              | 39                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321920     | Wood container and pallet manufacturing .....                                 | 3              | 39                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing .....                                    | 3              | 64                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321999     | All other miscellaneous wood product manufacturing .....                      | 3              | 55                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | 2              | 357                             | 185                       | 19 117              | 807 366           | 14 369              | 30 052        | 501 292         | 1 880 515             | 2 182 828                         | 4 065 144                          | 101 838                              |
| 3221       | Pulp, paper, and paperboard mills .....                                       | 1              | 17                              | 14                        | 2 463               | 134 938           | 1 972               | 4 521         | 100 677         | 397 058               | 458 313                           | 854 628                            | 30 097                               |
| 32212      | Paper mills .....   | 2              | 10                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills .....  | 2              | 10                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32213      | Paperboard mills .....  | —              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322130     | Paperboard mills .....  | —              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....                                   | 2              | 340                             | 171                       | 16 654              | 672 428           | 12 397              | 25 531        | 400 615         | 1 483 457             | 1 724 515                         | 3 210 516                          | 71 741                               |
| 32221      | Paperboard container manufacturing .....                                      | 2              | 151                             | 84                        | 7 920               | 338 182           | 5 845               | 12 088        | 195 770         | 783 918               | 854 298                           | 1 637 795                          | 29 249                               |
| 322211     | Corrugated and solid fiber box manufacturing .....                            | 2              | 80                              | 42                        | 3 958               | 178 796           | 2 790               | 5 851         | 94 185          | 433 256               | 553 294                           | 987 886                            | 15 872                               |
| 322212     | Folding paperboard box manufacturing .....                                    | 1              | 39                              | 21                        | 2 264               | 106 895           | 1 750               | 3 799         | 67 448          | 235 849               | 162 505                           | 395 809                            | 11 191                               |
| 322213     | Setup paperboard box manufacturing .....                                      | 2              | 14                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322214     | Fiber can, tube, drum, and similar products manufacturing .....               | 3              | 14                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322215     | Nonfolding sanitary food container manufacturing ...                          | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32222      | Paper bag and coated and treated paper manufacturing ..                       | 2              | 88                              | 37                        | 3 592               | 157 058           | 2 506               | 5 235         | 91 978          | 346 355               | 440 019                           | 790 509                            | 21 007                               |
| 322222     | Coated and laminated paper manufacturing .....                                | 2              | 56                              | 26                        | 2 472               | 117 023           | 1 631               | 3 434         | 64 381          | 274 535               | 332 262                           | 607 659                            | 17 622                               |
| 322224     | Uncoated paper and multiwall bag manufacturing .....                          | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322226     | Surface-coated paperboard manufacturing .....                                 | 1              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223      | Stationery product manufacturing .....  | 1              | 57                              | 28                        | 3 230               | 116 134           | 2 515               | 5 260         | 75 117          | 209 203               | 224 672                           | 428 700                            | 10 590                               |
| 322231     | Die-cut paper and paperboard office supplies manufacturing .....              | 4              | 23                              | 11                        | 961                 | 28 263            | 766                 | 1 557         | 19 104          | 48 056                | 45 491                            | 90 793                             | 2 071                                |
| 322232     | Envelope manufacturing .....  | —              | 21                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 295                                |
| 322233     | Stationery, tablet, and related product manufacturing .....                   | 3              | 13                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 224                                |

See footnotes at end of table.

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322        | Paper manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3222       | Converted paper product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32229      | Other converted paper product manufacturing .....  | 4              | 44                              | 22                        | 1 912               | 61 054            | 1 531               | 2 948         | 37 750          | 143 981               | 205 526                           | 353 512                            | 10 895                               |
| 322291     | Sanitary paper product manufacturing .....   | 6              | 13                              | 7                         | 492                 | 18 638            | 385                 | 839           | 10 103          | 70 261                | 94 164                            | 167 831                            | 4 106                                |
| 322299     | All other converted paper product manufacturing .....                                      | 2              | 31                              | 15                        | 1 420               | 42 416            | 1 146               | 2 109         | 27 647          | 73 720                | 111 362                           | 185 681                            | 6 789                                |
| 323        | Printing and related support activities .....  | 3              | 2 844                           | '524                      | '45 777             | 1 884 890         | '32 455             | 62 472        | 1 158 797       | '4 173 935            | '2 374 478                        | 6 550 166                          | 192 019                              |
| 3231       | Printing and related support activities .....  | 3              | 2 844                           | '524                      | '45 777             | 1 884 890         | '32 455             | 62 472        | 1 158 797       | '4 173 935            | '2 374 478                        | 6 550 166                          | 192 019                              |
| 32311      | Printing .....   | 3              | '2 478                          | '447                      | '39 911             | '1 637 377        | '28 281             | '54 248       | '1 011 885      | '3 683 364            | '2 236 223                        | '5 921 723                         | 173 013                              |
| 323110     | Commercial lithographic printing .....   | 3              | 1 175                           | 244                       | 22 946              | 1 044 946         | 16 432              | 31 692        | 663 219         | 2 267 983             | 1 449 838                         | 3 719 475                          | 115 832                              |
| 323111     | Commercial gravure printing .....  | —              | 30                              | 7                         | 512                 | 25 829            | 298                 | 641           | 11 366          | 56 789                | 71 995                            | 129 753                            | D                                    |
| 323112     | Commercial flexographic printing .....   | 2              | 58                              | 21                        | 1 257               | 49 585            | 867                 | 1 773         | 29 019          | 105 925               | 89 346                            | 193 035                            | 5 231                                |
| 323113     | Commercial screen printing .....   | 2              | 257                             | 42                        | 3 855               | 104 920           | 2 926               | 5 349         | 61 148          | 230 484               | 150 700                           | 382 080                            | 7 218                                |
| 323114     | Quick printing .....   | 3              | '507                            | '32                       | '3 099              | '107 352          | '2 032              | '3 783        | '65 319         | '237 029              | '119 266                          | '357 530                           | 12 270                               |
| 323115     | Digital printing .....   | 1              | 97                              | 27                        | 2 149               | 86 804            | 1 392               | 2 567         | 50 443          | 230 243               | 69 696                            | 298 272                            | 9 061                                |
| 323116     | Manifold business forms printing .....   | 5              | 43                              | 19                        | 1 331               | 51 900            | 977                 | 1 903         | 32 899          | 219 167               | 84 266                            | 303 464                            | 4 938                                |
| 323117     | Books printing .....   | 3              | 54                              | 12                        | 1 022               | 40 603            | 799                 | 1 692         | 27 323          | 83 008                | 61 329                            | 146 386                            | D                                    |
| 323118     | Blankbook, looseleaf binders, and devices manufacturing .....                              | 2              | 26                              | 14                        | 1 596               | 48 565            | 1 127               | 2 222         | 26 944          | 95 463                | 49 149                            | 143 908                            | 3 885                                |
| 323119     | Other commercial printing .....  | 4              | 231                             | 29                        | 2 144               | 76 873            | 1 431               | 2 626         | 44 205          | 157 273               | 90 638                            | 247 820                            | 11 286                               |
| 32312      | Support activities for printing .....  | 3              | '366                            | 77                        | '5 866              | '247 513          | '4 174              | '8 224        | '146 912        | '490 571              | '138 255                          | '628 443                           | 19 006                               |
| 323121     | Tradebinding and related work .....  | 4              | 115                             | 35                        | 2 449               | 69 748            | 2 071               | 4 231         | 49 321          | 121 778               | 32 926                            | 154 011                            | 4 662                                |
| 323122     | Prepress services .....  | 3              | '251                            | 42                        | '3 417              | '177 765          | '2 103              | '3 993        | '97 591         | '368 793              | '105 329                          | '474 432                           | 14 344                               |
| 324        | Petroleum and coal products manufacturing .....  | —              | 85                              | 22                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 127 465                              |
| 3241       | Petroleum and coal products manufacturing .....  | —              | 85                              | 22                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 127 465                              |
| 32411      | Petroleum refineries .....   | —              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110     | Petroleum refineries .....   | —              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32412      | Asphalt paving, roofing, and saturated materials manufacturing .....                       | 1              | 58                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324121     | Asphalt paving mixture and block manufacturing .....                                       | 1              | 50                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324122     | Asphalt shingle and coating materials manufacturing .....                                  | 1              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32419      | Other petroleum and coal products manufacturing .....                                      | —              | 22                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324191     | Petroleum lubricating oil and grease manufacturing .....                                   | —              | 19                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....   | 1              | 959                             | 459                       | 82 394              | 4 343 948         | 39 171              | 79 255        | 1 495 463       | 29 923 578            | 12 465 266                        | 42 308 133                         | 1 414 756                            |
| 3251       | Basic chemical manufacturing .....   | 2              | 122                             | 70                        | 6 479               | 395 775           | 3 390               | 7 077         | 165 127         | 1 520 993             | 1 521 530                         | 3 052 048                          | 101 031                              |
| 32513      | Synthetic dye and pigment manufacturing .....  | 2              | 25                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325131     | Inorganic dye and pigment manufacturing .....  | —              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325132     | Synthetic organic dye and pigment manufacturing .....                                      | 3              | 20                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32518      | Other basic inorganic chemical manufacturing .....   | 2              | 29                              | 16                        | 1 075               | 59 767            | 526                 | 1 103         | 26 813          | 170 806               | 199 834                           | 381 091                            | 13 538                               |
| 325188     | All other basic inorganic chemical manufacturing .....                                     | 2              | 28                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | 2              | 59                              | 37                        | 3 797               | 257 122           | 1 808               | 3 827         | 92 868          | 1 037 210             | 1 104 800                         | 2 143 802                          | 68 863                               |
| 325199     | All other basic organic chemical manufacturing .....                                       | 2              | 52                              | 34                        | 3 681               | 251 143           | 1 737               | 3 669         | 89 808          | 1 021 859             | 1 084 551                         | 2 106 450                          | D                                    |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | —              | 35                              | 24                        | 1 410               | 73 221            | 958                 | 2 061         | 43 836          | 200 462               | 290 982                           | 496 916                            | D                                    |
| 32521      | Resin and synthetic rubber manufacturing .....   | —              | 35                              | 24                        | 1 410               | 73 221            | 958                 | 2 061         | 43 836          | 200 462               | 290 982                           | 496 916                            | D                                    |
| 325211     | Plastics material and resin manufacturing .....  | —              | 31                              | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
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|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325        | Chemical manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3253       | Pesticide, fertilizer, and other agricultural chemical manufacturing .....       | 2              | 29                              | 11                        | 733                 | 28 310            | 460                 | 914           | 13 105          | 61 308                | 86 868                            | 149 932                            | D                                    |
| 32531      | Fertilizer manufacturing .....   | 5              | 20                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325314     | Fertilizer (mixing only) manufacturing .....                                     | 5              | 20                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32532      | Pesticide and other agricultural chemical manufacturing .....                    | 1              | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325320     | Pesticide and other agricultural chemical manufacturing .....                    | 1              | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254       | Pharmaceutical and medicine manufacturing .....                                  | 1              | 219                             | 128                       | 44 821              | 2 532 477         | 17 352              | 35 816        | 678 067         | 19 952 071            | 5 815 717                         | 25 667 186                         | 1 024 602                            |
| 32541      | Pharmaceutical and medicine manufacturing .....                                  | 1              | 219                             | 128                       | 44 821              | 2 532 477         | 17 352              | 35 816        | 678 067         | 19 952 071            | 5 815 717                         | 25 667 186                         | 1 024 602                            |
| 325411     | Medicinal and botanical manufacturing .....                                      | 2              | 50                              | 25                        | 5 434               | 247 309           | 2 858               | 4 647         | 119 228         | 1 919 866             | 720 232                           | 2 668 574                          | 197 581                              |
| 325412     | Pharmaceutical preparation manufacturing .....                                   | 1              | 150                             | 90                        | 36 315              | 2 121 637         | 13 664              | 29 581        | 517 403         | 17 621 273            | 4 905 199                         | 22 403 160                         | 815 558                              |
| 325413     | In-vitro diagnostic substance manufacturing .....                                | —              | 11                              | 6                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414     | Biological product (except diagnostic) manufacturing ..                          | 4              | 8                               | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255       | Paint, coating, and adhesive manufacturing .....                                 | 2              | 139                             | 44                        | 3 664               | 166 768           | 2 144               | 4 490         | 75 471          | 752 587               | 639 011                           | 1 378 377                          | 36 080                               |
| 32551      | Paint and coating manufacturing .....  | 2              | 86                              | 24                        | 1 942               | 82 501            | 1 114               | 2 283         | 36 858          | 430 692               | 320 942                           | 742 859                            | 27 632                               |
| 325510     | Paint and coating manufacturing .....  | 2              | 86                              | 24                        | 1 942               | 82 501            | 1 114               | 2 283         | 36 858          | 430 692               | 320 942                           | 742 859                            | 27 632                               |
| 32552      | Adhesive manufacturing .....   | 1              | 53                              | 20                        | 1 722               | 84 267            | 1 030               | 2 207         | 38 613          | 321 895               | 318 069                           | 635 518                            | 8 448                                |
| 325520     | Adhesive manufacturing .....   | 1              | 53                              | 20                        | 1 722               | 84 267            | 1 030               | 2 207         | 38 613          | 321 895               | 318 069                           | 635 518                            | 8 448                                |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing ..                 | 1              | 259                             | 120                       | 20 157              | 886 132           | 11 975              | 23 008        | 395 063         | 6 673 697             | 3 379 590                         | 10 074 208                         | 200 000                              |
| 32561      | Soap and cleaning compound manufacturing .....                                   | 3              | 99                              | 34                        | 2 920               | 135 273           | 1 682               | 3 391         | 68 867          | 835 984               | 551 515                           | 1 391 359                          | 32 308                               |
| 325611     | Soap and other detergent manufacturing .....                                     | 4              | 46                              | 15                        | 1 504               | 72 961            | 965                 | 1 995         | 40 302          | 422 526               | 286 991                           | 709 380                            | D                                    |
| 325612     | Polish and other sanitation good manufacturing .....                             | 1              | 41                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325613     | Surface active agent manufacturing .....   | 2              | 12                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 279                                |
| 32562      | Toilet preparation manufacturing .....   | 1              | 160                             | 86                        | 17 237              | 750 859           | 10 293              | 19 617        | 326 196         | 5 837 713             | 2 828 075                         | 8 682 849                          | 167 692                              |
| 325620     | Toilet preparation manufacturing .....   | 1              | 160                             | 86                        | 17 237              | 750 859           | 10 293              | 19 617        | 326 196         | 5 837 713             | 2 828 075                         | 8 682 849                          | 167 692                              |
| 3259       | Other chemical product and preparation manufacturing .....                       | 1              | 156                             | 62                        | 5 130               | 261 265           | 2 892               | 5 889         | 124 794         | 762 460               | 731 568                           | 1 489 466                          | 42 923                               |
| 32591      | Printing ink manufacturing .....   | 2              | 37                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325910     | Printing ink manufacturing .....   | 2              | 37                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32599      | All other chemical product and preparation manufacturing ..                      | 1              | 118                             | 49                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325991     | Custom compounding of purchased resins .....                                     | —              | 30                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325992     | Photographic film, paper, plate, and chemical manufacturing .....                | —              | 21                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325998     | All other miscellaneous chemical product and preparation manufacturing ..        | 1              | 67                              | 29                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....                                 | 2              | '784                            | '370                      | '34 972             | '1 142 121        | '25 863             | '52 484       | '670 534        | '2 855 842            | '2 564 378                        | '5 427 502                         | '187 656                             |
| 3261       | Plastics product manufacturing ..  | 2              | '688                            | '336                      | '31 430             | '1 022 425        | '23 269             | '47 171       | '594 537        | '2 542 924            | '2 254 097                        | '4 804 786                         | '166 576                             |
| 32611      | Plastics packaging materials and un laminated film and sheet manufacturing ..... | 1              | 159                             | 85                        | 6 381               | 225 241           | 4 715               | 9 338         | 140 436         | 616 863               | 693 359                           | 1 311 744                          | 38 232                               |
| 326111     | Plastics bag manufacturing ..  | 1              | 64                              | 33                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 20 644                               |
| 326112     | Plastics packaging film and sheet (including laminated) manufacturing .....      | 1              | 21                              | 15                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 483                                |
| 326113     | Un laminated plastics film and sheet (except packaging) manufacturing .....      | 1              | 74                              | 37                        | 2 732               | 103 606           | 1 937               | 3 971         | 64 562          | 278 628               | 345 594                           | 626 500                            | 15 105                               |
| 32612      | Plastics pipe, pipe fitting, and un laminated profile shape manufacturing .....  | 1              | 48                              | 27                        | 1 723               | 64 839            | 1 268               | 2 793         | 39 201          | 146 696               | 95 249                            | 244 726                            | 11 004                               |
| 326121     | Un laminated plastics profile shape manufacturing .....                          | 1              | 41                              | 21                        | 1 472               | 54 526            | 1 110               | 2 459         | 33 685          | 127 716               | 74 648                            | 202 762                            | D                                    |
| 326122     | Plastics pipe and pipe fitting manufacturing .....                               | —              | 7                               | 6                         | 251                 | 10 313            | 158                 | 334           | 5 516           | 18 980                | 20 601                            | 41 964                             | D                                    |

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| 326        | Plastics and rubber products manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3261       | Plastics product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32613      | Laminated plastics plate, sheet, (except packaging), and shape manufacturing . . . . . | 1              | 19                              | 7                         | 571                 | 26 049            | 389                 | 817           | 14 676          | 90 901                | 92 508                            | 185 563                            | 2 807                                |
| 326130     | Laminated plastics plate, sheet, (except packaging), and shape manufacturing . .       | 1              | 19                              | 7                         | 571                 | 26 049            | 389                 | 817           | 14 676          | 90 901                | 92 508                            | 185 563                            | 2 807                                |
| 32614      | Polystyrene foam product manufacturing . . . . .                                       | 1              | 23                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 377                                |
| 326140     | Polystyrene foam product manufacturing . . . . .                                       | 1              | 23                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 377                                |
| 32615      | Urethane and other foam product (except polystyrene) manufacturing . . . . .           | 1              | '15                             | '8                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '2 167                               |
| 326150     | Urethane and other foam product (except polystyrene) manufacturing . . . . .           | 1              | '15                             | '8                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '2 167                               |
| 32616      | Plastics bottle manufacturing . .  | 2              | 10                              | 8                         | 1 124               | 37 397            | 964                 | 2 101         | 29 543          | 97 336                | 83 842                            | 179 496                            | 20 869                               |
| 326160     | Plastics bottle manufacturing . . . . .  | 2              | 10                              | 8                         | 1 124               | 37 397            | 964                 | 2 101         | 29 543          | 97 336                | 83 842                            | 179 496                            | 20 869                               |
| 32619      | Other plastics product manufacturing . . . . .   | 2              | 414                             | 192                       | 19 972              | 610 022           | 14 920              | 30 020        | 343 628         | 1 459 656             | 1 167 882                         | 2 629 786                          | 85 120                               |
| 326199     | All other plastics product manufacturing . . . . .                                     | 2              | 400                             | 188                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 84 572                               |
| 3262       | Rubber product manufacturing . . .   | 2              | 96                              | 34                        | 3 542               | 119 696           | 2 594               | 5 313         | 75 997          | 312 918               | 310 281                           | 622 716                            | 21 080                               |
| 32621      | Tire manufacturing . . . . .   | 1              | 26                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326212     | Tire retreading . . . . .  | —              | 21                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32622      | Rubber and plastics hoses and belting manufacturing . . . . .                          | 1              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326220     | Rubber and plastics hoses and belting manufacturing . .                                | 1              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629      | Other rubber product manufacturing . . . . .   | 2              | 64                              | 29                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326291     | Rubber product manufacturing for mechanical use . . . . .                              | 4              | 25                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299     | All other rubber product manufacturing . . . . .                                       | 1              | 39                              | 21                        | 2 309               | 80 764            | 1 712               | 3 585         | 49 055          | 217 487               | 212 133                           | 430 856                            | 16 255                               |
| 327        | Nonmetallic mineral product manufacturing . . . . .                                    | 3              | 506                             | 154                       | 10 086              | 411 534           | 7 623               | 15 392        | 279 656         | 1 144 911             | 969 723                           | 2 098 451                          | 116 374                              |
| 3271       | Clay product and refractory manufacturing . . . . .                                    | 1              | 40                              | 6                         | 506                 | 18 333            | 416                 | 839           | 13 574          | 46 016                | 31 203                            | 77 972                             | D                                    |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing . . . . .                        | —              | 27                              | 4                         | 352                 | 12 719            | 300                 | 606           | 9 840           | 30 517                | 11 569                            | 41 977                             | D                                    |
| 3272       | Glass and glass product manufacturing . . . . .  | 3              | 115                             | 31                        | 2 019               | 71 442            | 1 511               | 2 700         | 45 624          | 160 836               | 95 704                            | 255 904                            | 11 615                               |
| 32721      | Glass and glass product manufacturing . . . . .  | 3              | 115                             | 31                        | 2 019               | 71 442            | 1 511               | 2 700         | 45 624          | 160 836               | 95 704                            | 255 904                            | 11 615                               |
| 327215     | Glass product manufacturing made of purchased glass . .                                | 3              | 94                              | 28                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 171                                |
| 3273       | Cement and concrete product manufacturing . . . . .                                    | 3              | 205                             | 81                        | 5 135               | 219 673           | 3 884               | 8 027         | 153 700         | 687 380               | 608 895                           | 1 283 708                          | 69 887                               |
| 32732      | Ready-mix concrete manufacturing . . . . .   | 3              | 116                             | 50                        | 2 705               | 125 827           | 2 196               | 4 425         | 97 469          | 319 955               | 382 543                           | 695 601                            | 22 114                               |
| 327320     | Ready-mix concrete manufacturing . . . . .   | 3              | 116                             | 50                        | 2 705               | 125 827           | 2 196               | 4 425         | 97 469          | 319 955               | 382 543                           | 695 601                            | 22 114                               |
| 32733      | Concrete pipe, brick, and block manufacturing . . . . .                                | 2              | 29                              | 15                        | 1 168               | 46 752            | 815                 | 1 773         | 27 317          | 149 727               | 108 621                           | 254 785                            | D                                    |
| 327331     | Concrete block and brick manufacturing . . . . .                                       | 3              | 22                              | 12                        | 984                 | 39 504            | 661                 | 1 436         | 22 053          | 132 135               | 94 894                            | 224 510                            | 11 225                               |
| 32739      | Other concrete product manufacturing . . . . .   | 6              | 54                              | 14                        | 1 184               | 43 890            | 824                 | 1 757         | 27 006          | 203 574               | 97 225                            | 299 059                            | 33 201                               |
| 327390     | Other concrete product manufacturing . . . . .   | 6              | 54                              | 14                        | 1 184               | 43 890            | 824                 | 1 757         | 27 006          | 203 574               | 97 225                            | 299 059                            | 33 201                               |
| 3274       | Lime and gypsum product manufacturing . . . . .  | —              | 11                              | 4                         | 359                 | 18 437            | 281                 | 623           | 13 066          | 30 223                | 78 830                            | 109 131                            | D                                    |
| 32742      | Gypsum product manufacturing . . . . .   | —              | 11                              | 4                         | 359                 | 18 437            | 281                 | 623           | 13 066          | 30 223                | 78 830                            | 109 131                            | D                                    |
| 327420     | Gypsum product manufacturing . . . . .   | —              | 11                              | 4                         | 359                 | 18 437            | 281                 | 623           | 13 066          | 30 223                | 78 830                            | 109 131                            | D                                    |

See footnotes at end of table.

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                        |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327        | Nonmetallic mineral product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3279       | Other nonmetallic mineral product manufacturing .....   | 5              | 135                             | 32                        | 2 067               | 83 649            | 1 531               | 3 203         | 53 692          | 220 456               | 155 091                           | 371 736                            | D                                    |
| 32791      | Abrasive product manufacturing .....  | 1              | 15                              | 6                         | 410                 | 15 495            | 293                 | 595           | 8 528           | 30 582                | 18 788                            | 49 914                             | D                                    |
| 327910     | Abrasive product manufacturing .....  | 1              | 15                              | 6                         | 410                 | 15 495            | 293                 | 595           | 8 528           | 30 582                | 18 788                            | 49 914                             | D                                    |
| 32799      | All other nonmetallic mineral product manufacturing .....   | 6              | 120                             | 26                        | 1 657               | 68 154            | 1 238               | 2 608         | 45 164          | 189 874               | 136 303                           | 321 822                            | D                                    |
| 327991     | Cut stone and stone product manufacturing .....   | 4              | 79                              | 16                        | 827                 | 30 614            | 628                 | 1 290         | 21 572          | 65 639                | 31 708                            | 94 941                             | D                                    |
| 327993     | Mineral wool manufacturing ..   | 9              | 12                              | 4                         | 455                 | 22 803            | 352                 | 768           | 15 609          | 59 356                | 64 795                            | 123 671                            | 3 243                                |
| 331        | Primary metal manufacturing .....   | 1              | '213                            | '95                       | '8 303              | '348 365          | '6 016              | '12 201       | '222 489        | '824 077              | '837 680                          | '1 695 681                         | '34 065                              |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....   | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....   | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111     | Iron and steel mills .....  | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312       | Steel product manufacturing from purchased steel .....  | —              | 23                              | 11                        | 1 116               | 45 686            | 797                 | 1 402         | 29 286          | 105 944               | 97 266                            | 207 606                            | D                                    |
| 33121      | Iron and steel pipe and tube manufacturing from purchased steel .....                             | —              | 6                               | 5                         | 574                 | 25 367            | 426                 | 600           | 16 824          | 61 471                | 36 450                            | 102 116                            | 1 708                                |
| 331210     | Iron and steel pipe and tube manufacturing from purchased steel .....                             | —              | 6                               | 5                         | 574                 | 25 367            | 426                 | 600           | 16 824          | 61 471                | 36 450                            | 102 116                            | 1 708                                |
| 33122      | Rolling and drawing of purchased steel .....  | —              | 17                              | 6                         | 542                 | 20 319            | 371                 | 802           | 12 462          | 44 473                | 60 816                            | 105 490                            | D                                    |
| 331222     | Steel wire drawing .....  | —              | 14                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313       | Alumina and aluminum production and processing .....  | 2              | 14                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131      | Alumina and aluminum production and processing ...  | 2              | 14                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                                | 1              | 92                              | 37                        | 2 944               | 128 996           | 1 889               | 3 866         | 75 004          | 308 441               | 366 830                           | 696 600                            | 14 521                               |
| 33141      | Nonferrous metal (except aluminum) smelting and refining .....                                    | 2              | 25                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331419     | Primary smelting and refining of nonferrous metal (except copper and aluminum) .....              | 2              | 25                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33142      | Copper rolling, drawing, extruding, and alloying .....  | 1              | 19                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331421     | Copper rolling, drawing, and extruding .....  | 2              | 9                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331422     | Copper wire (except mechanical) drawing .....   | 2              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | —              | 48                              | 20                        | 1 480               | 65 863            | 996                 | 2 062         | 40 145          | 146 672               | 223 708                           | 388 537                            | 7 048                                |
| 331491     | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....               | —              | 27                              | 11                        | 959                 | 42 735            | 711                 | 1 492         | 29 146          | 84 305                | 108 570                           | 193 887                            | D                                    |
| 331492     | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | —              | 21                              | 9                         | 521                 | 23 128            | 285                 | 570           | 10 999          | 62 367                | 115 138                           | 194 650                            | D                                    |
| 3315       | Foundries .....   | 2              | '80                             | '39                       | '3 402              | '132 170          | '2 680              | '5 633        | '88 734         | '276 285              | '191 977                          | '475 653                           | '13 522                              |
| 33151      | Ferrous metal foundries .....   | 3              | 15                              | 7                         | 1 623               | 70 605            | 1 290               | 2 917         | 47 467          | 135 152               | 110 408                           | 249 061                            | D                                    |
| 331511     | Iron foundries .....  | 7              | 8                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331512     | Steel investment foundries ..   | —              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152      | Nonferrous metal foundries .....  | 2              | '65                             | '32                       | '1 779              | '61 565           | '1 390              | '2 716        | '41 267         | '141 133              | '81 569                           | '226 592                           | D                                    |
| 331522     | Nonferrous (except aluminum) die-casting foundries .....  | 1              | 23                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331524     | Aluminum foundries (except die-casting) .....   | 3              | 15                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
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| 332        | Fabricated metal product manufacturing .....                                  | 3              | 2 596                           | 591                       | '52 433             | '1 971 964        | '36 930             | '73 170       | '1 138 762      | '4 296 397            | '3 142 967                        | '7 417 428                         | '213 925                             |
| 3321       | Forging and stamping.....   | 3              | 172                             | 57                        | 4 425               | 174 809           | 3 362               | 6 899         | 109 418         | 369 253               | 316 729                           | 685 583                            | 21 802                               |
| 33211      | Forging and stamping.....   | 3              | 172                             | 57                        | 4 425               | 174 809           | 3 362               | 6 899         | 109 418         | 369 253               | 316 729                           | 685 583                            | 21 802                               |
| 332111     | Iron and steel forging .....  | 5              | 11                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 340                                |
| 332114     | Custom roll forming .....   | 3              | 13                              | 7                         | 374                 | 15 161            | 294                 | 636           | 9 405           | 41 701                | 57 919                            | 100 758                            | D                                    |
| 332116     | Metal stamping .....  | 2              | 140                             | 43                        | 3 422               | 130 264           | 2 591               | 5 258         | 81 274          | 251 260               | 168 181                           | 414 868                            | 10 353                               |
| 3322       | Cutlery and handtool manufacturing .....                                      | —              | 81                              | 29                        | 3 074               | 96 172            | 2 545               | 4 819         | 68 238          | 262 709               | 169 298                           | 432 796                            | 10 515                               |
| 33221      | Cutlery and handtool manufacturing .....                                      | —              | 81                              | 29                        | 3 074               | 96 172            | 2 545               | 4 819         | 68 238          | 262 709               | 169 298                           | 432 796                            | 10 515                               |
| 332211     | Cutlery and flatware (except precious) manufacturing ...                      | —              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332212     | Hand and edge tool manufacturing .....  | 1              | 60                              | 20                        | 2 068               | 65 460            | 1 648               | 3 047         | 43 896          | 203 150               | 114 953                           | 319 724                            | D                                    |
| 332213     | Saw blade and handsaw manufacturing .....                                     | —              | 6                               | 3                         | 496                 | 16 035            | 462                 | 924           | 14 076          | 25 503                | 25 696                            | 50 861                             | D                                    |
| 3323       | Architectural and structural metals manufacturing .....                       | 3              | '700                            | '186                      | '16 469             | '585 343          | '11 188             | '21 730       | '330 704        | '1 304 188            | '1 144 042                        | '2 425 051                         | '51 834                              |
| 33231      | Plate work and fabricated structural product manufacturing .....              | 2              | 165                             | 32                        | 2 266               | 92 843            | 1 440               | 2 802         | 46 984          | 278 350               | 277 969                           | 552 732                            | 11 770                               |
| 332311     | Prefabricated metal building and component manufacturing .....                | 4              | 20                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 625                                  |
| 332312     | Fabricated structural metal manufacturing .....                               | 2              | 127                             | 26                        | 1 900               | 79 746            | 1 173               | 2 235         | 38 366          | 246 251               | 252 141                           | 494 383                            | 10 999                               |
| 33232      | Ornamental and architectural metal products manufacturing .....               | 3              | '535                            | '154                      | '14 203             | '492 500          | '9 748              | '18 928       | '283 720        | '1 025 838            | '866 073                          | '1 872 319                         | '40 064                              |
| 332321     | Metal window and door manufacturing .....                                     | 3              | 113                             | 50                        | 4 730               | 145 201           | 3 228               | 6 633         | 82 152          | 309 568               | 266 587                           | 572 821                            | 10 185                               |
| 332322     | Sheet metal work manufacturing .....  | 2              | '239                            | '74                       | '6 984              | '250 951          | '4 878              | '9 039        | '148 877        | '529 484              | '456 655                          | '969 129                           | '23 976                              |
| 332323     | Ornamental and architectural metal work manufacturing ..                      | 3              | 183                             | 30                        | 2 489               | 96 348            | 1 642               | 3 256         | 52 691          | 186 786               | 142 831                           | 330 369                            | 5 903                                |
| 3324       | Boiler, tank, and shipping container manufacturing .....                      | 3              | 54                              | 22                        | 1 857               | 84 352            | 1 371               | 2 896         | 52 302          | 197 836               | 201 578                           | 403 250                            | 10 326                               |
| 33241      | Power boiler and heat exchanger manufacturing ....                            | 3              | 14                              | 7                         | 661                 | 32 189            | 439                 | 956           | 16 752          | 71 178                | 40 067                            | 112 236                            | D                                    |
| 332410     | Power boiler and heat exchanger manufacturing ..                              | 3              | 14                              | 7                         | 661                 | 32 189            | 439                 | 956           | 16 752          | 71 178                | 40 067                            | 112 236                            | D                                    |
| 33242      | Metal tank (heavy gauge) manufacturing .....                                  | 2              | 21                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332420     | Metal tank (heavy gauge) manufacturing .....                                  | 2              | 21                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....   | 3              | 19                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332439     | Other metal container manufacturing .....                                     | 3              | 15                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3325       | Hardware manufacturing .....  | 4              | 39                              | 14                        | 887                 | 30 593            | 644                 | 1 347         | 17 254          | 77 858                | 52 402                            | 130 043                            | 1 564                                |
| 33251      | Hardware manufacturing .....  | 4              | 39                              | 14                        | 887                 | 30 593            | 644                 | 1 347         | 17 254          | 77 858                | 52 402                            | 130 043                            | 1 564                                |
| 332510     | Hardware manufacturing .....  | 4              | 39                              | 14                        | 887                 | 30 593            | 644                 | 1 347         | 17 254          | 77 858                | 52 402                            | 130 043                            | 1 564                                |
| 3326       | Spring and wire product manufacturing .....                                   | 3              | 109                             | 30                        | 2 821               | 99 109            | 1 946               | 3 928         | 53 608          | 202 226               | 130 116                           | 338 645                            | 11 247                               |
| 33261      | Spring and wire product manufacturing .....                                   | 3              | 109                             | 30                        | 2 821               | 99 109            | 1 946               | 3 928         | 53 608          | 202 226               | 130 116                           | 338 645                            | 11 247                               |
| 332612     | Spring (light gauge) manufacturing .....                                      | 4              | 11                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332618     | Other fabricated wire product manufacturing .....                             | 2              | 95                              | 28                        | 2 510               | 89 500            | 1 770               | 3 580         | 48 836          | 188 970               | 120 751                           | 310 844                            | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....   | 3              | 929                             | 120                       | 10 317              | 431 651           | 7 606               | 15 227        | 272 159         | 827 396               | 458 179                           | 1 280 294                          | 58 740                               |
| 33271      | Machine shops .....   | 3              | 751                             | 72                        | 6 156               | 271 243           | 4 538               | 8 899         | 169 836         | 491 672               | 273 073                           | 759 805                            | 38 252                               |
| 332710     | Machine shops .....   | 3              | 751                             | 72                        | 6 156               | 271 243           | 4 538               | 8 899         | 169 836         | 491 672               | 273 073                           | 759 805                            | 38 252                               |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                   | 3              | 178                             | 48                        | 4 161               | 160 408           | 3 068               | 6 328         | 102 323         | 335 724               | 185 106                           | 520 489                            | 20 488                               |
| 332721     | Precision turned product manufacturing .....                                  | 2              | 130                             | 32                        | 2 485               | 99 667            | 1 849               | 3 848         | 65 158          | 192 964               | 90 295                            | 281 078                            | 14 165                               |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....                       | 4              | 48                              | 16                        | 1 676               | 60 741            | 1 219               | 2 480         | 37 165          | 142 760               | 94 811                            | 239 411                            | 6 323                                |

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| 332        | Fabricated metal product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                     | 2              | 239                             | 52                        | 3 400               | 114 419           | 2 486               | 4 762         | 69 943          | 216 420               | 94 055                            | 309 307                            | 11 182                               |
| 33281      | Coating, engraving, heat treating, and allied activities ..  | 2              | 239                             | 52                        | 3 400               | 114 419           | 2 486               | 4 762         | 69 943          | 216 420               | 94 055                            | 309 307                            | 11 182                               |
| 332811     | Metal heat treating .....  | 1              | 23                              | 12                        | 615                 | 24 342            | 419                 | 879           | 14 094          | 52 570                | 23 685                            | 76 218                             | 984                                  |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..  | 2              | 87                              | 19                        | 1 276               | 39 108            | 953                 | 1 853         | 25 914          | 75 891                | 32 679                            | 107 086                            | 5 402                                |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                  | 2              | 129                             | 21                        | 1 509               | 50 969            | 1 114               | 2 030         | 29 935          | 87 959                | 37 691                            | 126 003                            | 4 796                                |
| 3329       | Other fabricated metal product manufacturing .....   | 2              | '273                            | '81                       | '9 183              | '355 516          | '5 782              | '11 562       | '165 136        | '838 511              | '576 568                          | '1 412 459                         | '36 715                              |
| 33291      | Metal valve manufacturing ....   | —              | 55                              | 25                        | 4 460               | 167 170           | 2 469               | 4 841         | 65 294          | 395 831               | 325 332                           | 715 854                            | 15 302                               |
| 332911     | Industrial valve manufacturing .....   | —              | 22                              | 12                        | 2 305               | 95 784            | 1 016               | 1 985         | 31 992          | 217 732               | 206 893                           | 426 274                            | 11 400                               |
| 332912     | Fluid power valve and hose fitting manufacturing .....   | 1              | 14                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332913     | Plumbing fixture fitting and trim manufacturing .....  | 1              | 11                              | 4                         | 851                 | 21 811            | 609                 | 1 162         | 8 345           | 79 019                | 76 267                            | 143 387                            | D                                    |
| 33299      | All other fabricated metal product manufacturing .....   | 4              | '218                            | '56                       | '4 723              | '188 346          | '3 313              | '6 721        | '99 842         | '442 680              | '251 236                          | '696 605                           | '21 413                              |
| 332991     | Ball and roller bearing manufacturing .....  | 9              | '8                              | '2                        | '607                | '30 801           | '367                | '716          | '7 460          | '61 300               | '23 460                           | '85 309                            | '1 765                               |
| 332995     | Other ordnance and accessories manufacturing ..  | 9              | 3                               | 2                         | 326                 | 16 860            | 179                 | 345           | 6 045           | 48 403                | 15 624                            | 64 191                             | D                                    |
| 332996     | Fabricated pipe and pipe fitting manufacturing .....   | 3              | 29                              | 11                        | 705                 | 27 419            | 480                 | 1 017         | 16 323          | 63 930                | 46 928                            | 110 495                            | 2 183                                |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                               | 2              | 145                             | 38                        | 2 779               | 101 915           | 2 039               | 4 156         | 61 237          | 240 642               | 156 617                           | 399 819                            | 15 320                               |
| 333        | Machinery manufacturing .....  | 2              | '1 100                          | '310                      | '25 081             | '1 089 678        | '15 353             | '30 143       | '507 398        | '2 385 033            | '1 943 515                        | '4 332 726                         | '108 260                             |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....                                | 7              | 28                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3332       | Industrial machinery manufacturing .....   | 2              | '237                            | '66                       | '5 095              | '254 038          | '2 593              | '5 264        | '98 549         | '493 475              | '531 172                          | '1 035 393                         | D                                    |
| 33322      | Plastics and rubber industry machinery manufacturing ....  | 2              | 17                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333220     | Plastics and rubber industry machinery manufacturing ..  | 2              | 17                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33329      | Other industrial machinery manufacturing .....   | 2              | '212                            | '60                       | '4 503              | '226 132          | '2 259              | '4 629        | '86 672         | '444 040              | '476 226                          | '927 437                           | D                                    |
| 333291     | Paper industry machinery manufacturing .....   | '4             | '21                             | '4                        | '291                | '12 713           | '208                | '344          | '6 204          | '28 224               | '12 501                           | '40 498                            | '461                                 |
| 333293     | Printing machinery and equipment manufacturing ..  | 1              | 45                              | 16                        | 1 131               | 62 776            | 444                 | 905           | 18 555          | 124 153               | 187 610                           | 310 209                            | 7 421                                |
| 333295     | Semiconductor machinery manufacturing .....  | —              | 12                              | 8                         | 755                 | 43 074            | 311                 | 766           | 12 368          | 92 865                | 101 909                           | 194 014                            | 9 640                                |
| 333298     | All other industrial machinery manufacturing .....   | 3              | 84                              | 29                        | 1 964               | 93 536            | 1 059               | 2 155         | 42 691          | 172 426               | 150 986                           | 332 855                            | D                                    |
| 3333       | Commercial and service industry machinery manufacturing .....                                      | 3              | 121                             | 43                        | 2 975               | 116 960           | 1 911               | 3 608         | 52 512          | 315 574               | 229 370                           | 535 208                            | 18 442                               |
| 33331      | Commercial and service industry machinery manufacturing .....                                      | 3              | 121                             | 43                        | 2 975               | 116 960           | 1 911               | 3 608         | 52 512          | 315 574               | 229 370                           | 535 208                            | 18 442                               |
| 333314     | Optical instrument and lens manufacturing .....  | 1              | 28                              | 13                        | 707                 | 31 219            | 488                 | 885           | 16 191          | 110 690               | 36 000                            | 142 348                            | 8 932                                |
| 333315     | Photographic and photocopying equipment manufacturing .....  | 1              | 25                              | 9                         | 936                 | 35 993            | 500                 | 893           | 10 403          | 83 680                | 78 324                            | 159 902                            | D                                    |
| 333319     | Other commercial and service industry machinery manufacturing .....                                | 5              | 57                              | 19                        | 1 210               | 44 607            | 839                 | 1 664         | 22 999          | 108 831               | 107 590                           | 213 063                            | 4 973                                |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 3              | 74                              | 32                        | 3 651               | 122 516           | 2 715               | 5 269         | 68 910          | 308 528               | 344 676                           | 647 483                            | 8 493                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.                         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 3              | 74                              | 32                        | 3 651               | 122 516           | 2 715               | 5 269         | 68 910          | 308 528               | 344 676                           | 647 483                            | 8 493                                |
| 333411     | Air purification equipment manufacturing .....  | 5              | 11                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333414     | Heating equipment (except warm air furnaces) manufacturing .....  | 6              | 26                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 267                                |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | 2              | 33                              | 16                        | 2 098               | 67 696            | 1 665               | 3 173         | 43 218          | 174 520               | 233 502                           | 401 906                            | 4 595                                |
| 3335       | Metalworking machinery manufacturing .....  | 2              | 302                             | 46                        | 3 441               | 151 721           | 2 452               | 4 896         | 94 530          | 344 056               | 161 521                           | 504 852                            | 16 342                               |
| 33351      | Metalworking machinery manufacturing .....  | 2              | 302                             | 46                        | 3 441               | 151 721           | 2 452               | 4 896         | 94 530          | 344 056               | 161 521                           | 504 852                            | 16 342                               |
| 333511     | Industrial mold manufacturing .....   | 1              | 103                             | 17                        | 1 286               | 58 749            | 971                 | 1 978         | 38 993          | 112 205               | 52 290                            | 164 543                            | D                                    |
| 333512     | Machine tool (metal cutting types) manufacturing .....  | —              | 9                               | 3                         | 279                 | 12 555            | 166                 | 301           | 5 372           | 32 111                | 39 664                            | 71 189                             | D                                    |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....   | 2              | 119                             | 11                        | 903                 | 36 863            | 655                 | 1 257         | 24 576          | 69 640                | 22 775                            | 92 804                             | 5 147                                |
| 333515     | Cutting tool and machine tool accessory manufacturing .....   | 2              | 58                              | 9                         | 715                 | 29 708            | 494                 | 1 013         | 18 099          | 103 146               | 30 345                            | 132 963                            | D                                    |
| 3336       | Engine, turbine, and power transmission equipment manufacturing .....   | 4              | 31                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33361      | Engine, turbine, and power transmission equipment manufacturing .....   | 4              | 31                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333612     | Speed changer, industrial high-speed drive, and gear manufacturing .....  | 5              | 16                              | 7                         | 583                 | 18 525            | 406                 | 828           | 11 085          | 35 202                | 20 392                            | 55 676                             | 989                                  |
| 3339       | Other general purpose machinery manufacturing .....   | 2              | '307                            | '105                      | '8 754              | '402 645          | '4 891              | '9 587        | '169 579        | '835 530              | '618 560                          | '1 463 839                         | '26 781                              |
| 33391      | Pump and compressor manufacturing .....   | 1              | 38                              | 12                        | 1 266               | 60 924            | 524                 | 1 039         | 18 018          | 144 762               | 81 556                            | 224 460                            | 6 196                                |
| 333911     | Pump and pumping equipment manufacturing ..   | 2              | 21                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333912     | Air and gas compressor manufacturing .....  | —              | 15                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392      | Material handling equipment manufacturing .....   | 3              | 74                              | 31                        | 2 420               | 110 876           | 1 491               | 3 209         | 53 676          | 210 180               | 205 680                           | 413 919                            | 5 400                                |
| 333921     | Elevator and moving stairway manufacturing .....  | 2              | 27                              | 12                        | 960                 | 42 334            | 713                 | 1 533         | 24 616          | 89 417                | 56 780                            | 145 867                            | D                                    |
| 333922     | Conveyor and conveying equipment manufacturing ..   | 1              | 28                              | 13                        | 1 049               | 51 883            | 564                 | 1 201         | 22 368          | 77 038                | 95 785                            | 170 929                            | D                                    |
| 333923     | Overhead traveling crane, hoist, and monorail system manufacturing .....  | 6              | 8                               | 5                         | 280                 | 11 198            | 151                 | 339           | 4 021           | 33 574                | 44 586                            | 78 455                             | D                                    |
| 33399      | All other general purpose machinery manufacturing ....  | 2              | '195                            | '62                       | '5 068              | '230 845          | '2 876              | '5 339        | '97 885         | '480 588              | '331 324                          | '825 460                           | '15 185                              |
| 333993     | Packaging machinery manufacturing .....   | 2              | 58                              | 20                        | 1 212               | 59 872            | 623                 | 1 184         | 25 902          | 113 040               | 63 618                            | 182 218                            | D                                    |
| 333994     | Industrial process furnace and oven manufacturing ...   | —              | '20                             | '10                       | '596                | '27 551           | '319                | '501          | '11 018         | '52 491               | '52 409                           | '106 884                           | D                                    |
| 333995     | Fluid power cylinder and actuator manufacturing ....  | 1              | 12                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....   | 2              | 88                              | 20                        | 2 145               | 96 361            | 1 241               | 2 517         | 38 754          | 215 036               | 155 810                           | 372 089                            | D                                    |
| 334        | Computer and electronic product manufacturing .....   | 2              | '918                            | '349                      | '43 113             | '2 162 064        | '23 288             | '45 312       | '867 673        | '5 658 123            | '3 786 826                        | '9 494 226                         | '283 858                             |
| 3341       | Computer and peripheral equipment manufacturing .....   | 1              | 73                              | 13                        | 1 423               | 63 708            | 835                 | 1 530         | 28 807          | 304 739               | 458 642                           | 768 853                            | 53 624                               |
| 33411      | Computer and peripheral equipment manufacturing ....  | 1              | 73                              | 13                        | 1 423               | 63 708            | 835                 | 1 530         | 28 807          | 304 739               | 458 642                           | 768 853                            | 53 624                               |
| 334113     | Computer terminal manufacturing .....   | —              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334119     | Other computer peripheral equipment manufacturing ..  | 1              | 38                              | 7                         | 924                 | 41 569            | 642                 | 1 143         | 22 807          | 248 039               | 362 439                           | 614 629                            | 46 317                               |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 334        | Computer and electronic product manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3342       | Communications equipment manufacturing .....   | 3                               | 134   | 61                        | 9 016               | 462 414            | 4 012               | 7 735         | 138 516               | 984 204                           | 980 626                            | 2 006 625                            | 44 526          |
| 33421      | Telephone apparatus manufacturing .....  | 5                               | 32    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 16 616          |
| 334210     | Telephone apparatus manufacturing .....  | 5                               | 32    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 16 616          |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 4                               | 68    | 38                        | 5 425               | 290 419            | 2 669               | 5 278         | 93 389                | 487 594                           | 599 451                            | 1 086 018                            | 19 264          |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 4                               | 68    | 38                        | 5 425               | 290 419            | 2 669               | 5 278         | 93 389                | 487 594                           | 599 451                            | 1 086 018                            | 19 264          |
| 33429      | Other communications equipment manufacturing ....  | —                               | 34    | 9                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 8 646           |
| 334290     | Other communications equipment manufacturing ..  | —                               | 34    | 9                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 8 646           |
| 3343       | Audio and video equipment manufacturing .....  | '2                              | '34   | '3                        | '392                | '14 532            | '222                | '441          | '4 977                | '27 010                           | '40 401                            | '66 808                              | D               |
| 33431      | Audio and video equipment manufacturing .....  | '2                              | '34   | '3                        | '392                | '14 532            | '222                | '441          | '4 977                | '27 010                           | '40 401                            | '66 808                              | D               |
| 334310     | Audio and video equipment manufacturing .....  | '2                              | '34   | '3                        | '392                | '14 532            | '222                | '441          | '4 977                | '27 010                           | '40 401                            | '66 808                              | D               |
| 3344       | Semiconductor and other electronic component manufacturing .....   | 1                               | 280   | 135                       | 14 404              | 621 354            | 9 362               | 19 478        | 314 843               | 2 073 329                         | 1 066 408                          | 3 146 242                            | D               |
| 33441      | Semiconductor and other electronic component manufacturing .....   | 1                               | 280   | 135                       | 14 404              | 621 354            | 9 362               | 19 478        | 314 843               | 2 073 329                         | 1 066 408                          | 3 146 242                            | D               |
| 334411     | Electron tube manufacturing ..   | 1                               | 8     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334412     | Bare printed circuit board manufacturing .....   | 1                               | 31    | 10                        | 1 995               | 68 708             | 1 170               | 2 341         | 27 905                | 158 731                           | 95 571                             | 258 865                              | D               |
| 334413     | Semiconductor and related device manufacturing .....   | 1                               | 54    | 24                        | 2 825               | 160 518            | 1 722               | 3 523         | 78 222                | 344 811                           | 171 285                            | 514 610                              | D               |
| 334414     | Electronic capacitor manufacturing .....   | —                               | 8     | 5                         | 714                 | 29 041             | 519                 | 874           | 14 917                | 69 721                            | 22 813                             | 96 905                               | D               |
| 334415     | Electronic resistor manufacturing .....  | 5                               | 5     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334416     | Electronic coil, transformer, and other inductor manufacturing .....   | 1                               | 21    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334417     | Electronic connector manufacturing .....   | 1                               | 20    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....   | 1                               | 36    | 23                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334419     | Other electronic component manufacturing .....   | —                               | 97    | 46                        | 4 588               | 202 556            | 2 822               | 5 702         | 93 830                | 370 153                           | 229 585                            | 617 969                              | 17 992          |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | 2                               | 301   | 112                       | 15 838              | 921 819            | 7 393               | 13 142        | 334 240               | 2 073 955                         | 1 124 719                          | 3 195 221                            | 123 262         |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | 2                               | 301   | 112                       | 15 838              | 921 819            | 7 393               | 13 142        | 334 240               | 2 073 955                         | 1 124 719                          | 3 195 221                            | 123 262         |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing ...  | 3                               | 31    | 17                        | 2 194               | 117 002            | 968                 | 1 672         | 32 123                | 345 693                           | 221 117                            | 565 860                              | 16 784          |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | 1                               | 50    | 18                        | 6 328               | 440 704            | 3 140               | 5 142         | 187 091               | 953 390                           | 362 306                            | 1 308 947                            | 66 662          |
| 334512     | Automatic environmental control manufacturing for residential, commercial, and appliance use .....                           | 3                               | 19    | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | 4                               | 49    | 14                        | 1 080               | 54 379             | 579                 | 1 231         | 24 404                | 125 015                           | 64 248                             | 190 973                              | 9 640           |
| 334514     | Totalizing fluid meter and counting device manufacturing .....   | 3                               | 14    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334515     | Instrument manufacturing for measuring and testing electricity and electrical signals .....                                  | 2                               | 46    | 15                        | 1 882               | 80 914             | 840                 | 1 568         | 25 513                | 190 263                           | 137 747                            | 331 722                              | 8 451           |
| 334516     | Analytical laboratory instrument manufacturing ..  | 2                               | 30    | 10                        | 1 147               | 65 722             | 407                 | 816           | 13 718                | 132 612                           | 99 366                             | 232 590                              | 3 969           |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|---------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |         |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>               |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 334        | Computer and electronic product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing—Con.         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing—Con.         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 334517     | Irradiation apparatus manufacturing . . . . .   | 4              | 15                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 334518     | Watch, clock, and part manufacturing . . . . .  | —              | 16                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 334519     | Other measuring and controlling device manufacturing . . . . .                              | 1              | 31                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 10 586                               |         |
| 3346       | Manufacturing and reproducing magnetic and optical media . . . . .                          | 3              | 96                              | 25                        |                     | 2 040             | 78 237              | 1 464         | 2 986           | 46 290                | 194 886                           | 116 030                            | 310 477                              | D       |
| 33461      | Manufacturing and reproducing magnetic and optical media . . . . .                          | 3              | 96                              | 25                        |                     | 2 040             | 78 237              | 1 464         | 2 986           | 46 290                | 194 886                           | 116 030                            | 310 477                              | D       |
| 334612     | Prerecorded compact disc (except software), tape, and record reproducing . . . . .          | 3              | 72                              | 19                        |                     | 1 641             | 61 918              | 1 170         | 2 474           | 35 996                | 146 378                           | 66 397                             | 213 277                              | D       |
| 334613     | Magnetic and optical recording media manufacturing . . . . .                                | 3              | 17                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 335        | Electrical equipment, appliance, and component manufacturing . . . . .                      | 3              | '412                            | '168                      |                     | '15 263           | '593 354            | '10 328       | '19 920         | '307 967              | '1 496 998                        | '1 275 298                         | '2 760 884                           | '51 363 |
| 3351       | Electric lighting equipment manufacturing . . . . .   | 2              | 132                             | 51                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33512      | Lighting fixture manufacturing . . . . .  | 2              | 129                             | 50                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 335121     | Residential electric lighting fixture manufacturing . . . . .                               | 2              | 57                              | 18                        |                     | 1 030             | 40 467              | 599           | 1 203           | 17 429                | 133 023                           | 78 172                             | 209 171                              | D       |
| 335122     | Commercial, industrial, and institutional electric lighting fixture manufacturing . . . . . | 1              | 43                              | 20                        |                     | 1 883             | 65 683              | 1 290         | 2 558           | 33 707                | 202 403                           | 133 486                            | 335 253                              | D       |
| 335129     | Other lighting equipment manufacturing . . . . .  | 3              | 29                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3352       | Household appliance manufacturing . . . . .   | 6              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33521      | Small electrical appliance manufacturing . . . . .  | 6              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 335211     | Electric housewares and household fan manufacturing . . . . .                               | 7              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3353       | Electrical equipment manufacturing . . . . .  | 5              | '134                            | '48                       | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | '13 168 |
| 33531      | Electrical equipment manufacturing . . . . .  | 5              | '134                            | '48                       | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | '13 168 |
| 335311     | Power, distribution, and specialty transformer manufacturing . . . . .                      | 8              | 14                              | 4                         |                     | 299               | 11 249              | 231           | 436             | 7 376                 | 27 616                            | 28 149                             | 56 299                               | D       |
| 335312     | Motor and generator manufacturing . . . . .   | 1              | '23                             | '8                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | '1 485  |
| 335313     | Switchgear and switchboard apparatus manufacturing . . . . .                                | 4              | 31                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 335314     | Relay and industrial control manufacturing . . . . .  | 6              | 66                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | 6 821   |
| 3359       | Other electrical equipment and component manufacturing . . . . .                            | 2              | 138                             | 66                        |                     | 6 666             | 258 546             | 4 641         | 8 695           | 141 036               | 565 578                           | 636 453                            | 1 196 848                            | D       |
| 33591      | Battery manufacturing . . . . .   | —              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 335911     | Storage battery manufacturing . . . . .   | —              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33592      | Communication and energy wire and cable manufacturing . . . . .                             | 3              | 30                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 335929     | Other communication and energy wire manufacturing . . . . .                                 | 2              | 26                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33593      | Wiring device manufacturing . . . . .   | 2              | 39                              | 20                        |                     | 2 690             | 89 471              | 1 999         | 3 409           | 55 054                | 200 851                           | 198 933                            | 398 089                              | 6 845   |
| 335931     | Current-carrying wiring device manufacturing . . . . .                                      | 1              | 30                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 335932     | Noncurrent-carrying wiring device manufacturing . . . . .                                   | 3              | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | All establishments <sup>2</sup> |        | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|------------|---|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 335        | Electrical equipment, appliance, and component manufacturing—Con.             |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3359       | Other electrical equipment and component manufacturing—Con.                   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 33599      | All other electrical equipment and component manufacturing                    | 3                               | 62     | 26                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | 5 883                                |                 |
| 335991     | Carbon and graphite product manufacturing                                     | 1                               | 8      | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 335999     | All other miscellaneous electrical equipment and component manufacturing      | 4                               | 54     | 20                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336        | Transportation equipment manufacturing  | —                               | 319    | 93                        | 13 509              | 665 609            | 9 359               | 18 081        | 396 979               | 2 361 936                         | 3 507 803                          | 5 986 842                            | 71 920          |
| 3361       | Motor vehicle manufacturing   | —                               | 13     | 5                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33611      | Automobile and light duty motor vehicle manufacturing                         | —                               | 12     | 5                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336112     | Light truck and utility vehicle manufacturing                                 | —                               | 5      | 3                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3362       | Motor vehicle body and trailer manufacturing                                  | 6                               | 26     | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33621      | Motor vehicle body and trailer manufacturing                                  | 6                               | 26     | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336211     | Motor vehicle body manufacturing  | 5                               | 20     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3363       | Motor vehicle parts manufacturing   | 2                               | 158    | 39                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 12 143          |
| 33631      | Motor vehicle gasoline engine and engine parts manufacturing                  | 4                               | 39     | 9                         | 709                 | 31 387             | 604                 | 987           | 23 853                | 55 878                            | 81 121                             | 136 221                              | D               |
| 336312     | Gasoline engine and engine parts manufacturing                                | 3                               | 34     | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing               | 3                               | 38     | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing         | 3                               | 33     | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33635      | Motor vehicle transmission and power train parts manufacturing                | 2                               | 17     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336350     | Motor vehicle transmission and power train parts manufacturing                | 2                               | 17     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33636      | Motor vehicle seating and interior trim manufacturing                         | —                               | 7      | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336360     | Motor vehicle seating and interior trim manufacturing                         | —                               | 7      | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33639      | Other motor vehicle parts manufacturing                                       | 3                               | 38     | 8                         | 608                 | 21 535             | 466                 | 1 001         | 13 396                | 65 654                            | 68 065                             | 133 913                              | 2 934           |
| 336399     | All other motor vehicle parts manufacturing                                   | 3                               | 38     | 8                         | 608                 | 21 535             | 466                 | 1 001         | 13 396                | 65 654                            | 68 065                             | 133 913                              | 2 934           |
| 3364       | Aerospace product and parts manufacturing                                     | 1                               | 63     | 31                        | 4 884               | 248 089            | 2 563               | 5 429         | 97 230                | 803 036                           | 451 170                            | 1 241 353                            | 47 802          |
| 33641      | Aerospace product and parts manufacturing                                     | 1                               | 63     | 31                        | 4 884               | 248 089            | 2 563               | 5 429         | 97 230                | 803 036                           | 451 170                            | 1 241 353                            | 47 802          |
| 336411     | Aircraft manufacturing  | —                               | 5      | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336412     | Aircraft engine and engine parts manufacturing                                | 1                               | 15     | 9                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336413     | Other aircraft parts and auxiliary equipment manufacturing                    | 3                               | 40     | 17                        | 1 838               | 96 216             | 1 045               | 2 102         | 41 814                | 181 617                           | 120 832                            | 298 485                              | D               |
| 3366       | Ship and boat building  | 5                               | 45     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33661      | Ship and boat building  | 5                               | 45     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336611     | Ship building and repairing   | 5                               | 25     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336612     | Boat building   | 2                               | 20     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 400           |
| 337        | Furniture and related product manufacturing                                   | 4                               | '1 410 | 249                       | '20 231             | '648 791           | '15 139             | '29 663       | '399 981              | '1 406 118                        | '1 079 567                         | '2 487 391                           | '39 662         |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | All establishments <sup>2</sup> |        | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|------------|---|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 337        | Furniture and related product manufacturing—Con.                              |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | 5                               | 1 004  | 122                       | 9 955               | 285 055            | 7 856               | 15 238        | 192 802               | 596 888                           | 479 981                            | 1 077 512                            | 19 225          |
| 33711      | Wood kitchen cabinet and countertop manufacturing ...                         | 4                               | 522    | 39                        | 4 060               | 120 550            | 3 108               | 5 852         | 80 632                | 221 046                           | 143 947                            | 366 835                              | 8 403           |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                          | 4                               | 522    | 39                        | 4 060               | 120 550            | 3 108               | 5 852         | 80 632                | 221 046                           | 143 947                            | 366 835                              | 8 403           |
| 33712      | Household and institutional furniture manufacturing .....                     | 5                               | 482    | 83                        | 5 895               | 164 505            | 4 748               | 9 386         | 112 170               | 375 842                           | 336 034                            | 710 677                              | 10 822          |
| 337121     | Upholstered household furniture manufacturing ....                            | 6                               | 106    | 22                        | 1 526               | 42 426             | 1 257               | 2 432         | 30 114                | 97 602                            | 111 771                            | 208 956                              | D               |
| 337122     | Nonupholstered wood household furniture manufacturing .....                   | 4                               | 284    | 41                        | 2 999               | 73 001             | 2 513               | 4 934         | 55 504                | 161 493                           | 137 263                            | 295 930                              | 4 283           |
| 337124     | Metal household furniture manufacturing .....                                 | 5                               | 25     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 475             |
| 337127     | Institutional furniture manufacturing .....                                   | 4                               | 49     | 13                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 694           |
| 3372       | Office furniture (including fixtures) manufacturing .....                     | 2                               | '318   | 98                        | '7 041              | '266 665           | '4 829              | '9 511        | '147 242              | '520 392                          | '338 795                           | '860 527                             | '11 843         |
| 33721      | Office furniture (including fixtures) manufacturing .....                     | 2                               | '318   | 98                        | '7 041              | '266 665           | '4 829              | '9 511        | '147 242              | '520 392                          | '338 795                           | '860 527                             | '11 843         |
| 337211     | Wood office furniture manufacturing .....                                     | 3                               | 36     | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 298           |
| 337212     | Custom architectural woodwork and millwork manufacturing .....                | 2                               | '124   | 29                        | '2 185              | '95 678            | '1 484              | '2 922        | '54 236               | '193 137                          | '113 725                           | '306 676                             | '4 274          |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                 | 3                               | 140    | 56                        | 3 923               | 137 416            | 2 631               | 5 076         | 70 584                | 249 185                           | 182 058                            | 432 380                              | 5 798           |
| 3379       | Other furniture related product manufacturing .....                           | 4                               | 88     | 29                        | 3 235               | 97 071             | 2 454               | 4 914         | 59 937                | 288 838                           | 260 791                            | 549 352                              | 8 594           |
| 33791      | Mattress manufacturing .....  | 5                               | 30     | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337910     | Mattress manufacturing .....  | 5                               | 30     | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33792      | Blind and shade manufacturing .....   | 3                               | 58     | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337920     | Blind and shade manufacturing .....   | 3                               | 58     | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339        | Miscellaneous manufacturing .....   | 2                               | '2 639 | '549                      | '56 511             | '2 165 009         | '34 671             | '66 907       | '943 350              | '5 522 578                        | '4 272 727                         | '9 920 555                           | '204 301        |
| 3391       | Medical equipment and supplies manufacturing .....                            | 1                               | 804    | 147                       | 20 812              | 985 033            | 10 477              | 20 495        | 337 650               | 2 630 910                         | 924 821                            | 3 665 329                            | 104 547         |
| 33911      | Medical equipment and supplies manufacturing .....                            | 1                               | 804    | 147                       | 20 812              | 985 033            | 10 477              | 20 495        | 337 650               | 2 630 910                         | 924 821                            | 3 665 329                            | 104 547         |
| 339111     | Laboratory apparatus and furniture manufacturing ....                         | —                               | 37     | 17                        | 1 597               | 69 985             | 859                 | 1 628         | 27 987                | 134 707                           | 79 962                             | 214 296                              | 4 784           |
| 339112     | Surgical and medical instrument manufacturing ..                              | 3                               | 80     | 29                        | 3 206               | 140 153            | 1 784               | 3 585         | 52 728                | 491 060                           | 169 561                            | 664 994                              | 21 821          |
| 339113     | Surgical appliance and supplies manufacturing ....                            | —                               | 112    | 46                        | 11 171              | 603 315            | 4 562               | 8 956         | 157 513               | 1 655 974                         | 514 810                            | 2 275 237                            | 51 269          |
| 339114     | Dental equipment and supplies manufacturing ....                              | 4                               | 59     | 14                        | 1 172               | 49 356             | 682                 | 1 338         | 21 030                | 117 201                           | 90 274                             | 205 925                              | 15 758          |
| 339115     | Ophthalmic goods manufacturing .....  | 3                               | 32     | 9                         | 663                 | 24 056             | 439                 | 853           | 11 077                | 62 392                            | 27 050                             | 89 417                               | 2 576           |
| 339116     | Dental laboratories .....   | 4                               | 484    | 32                        | 3 003               | 98 168             | 2 151               | 4 135         | 67 315                | 169 576                           | 43 164                             | 215 460                              | 8 339           |
| 3399       | Other miscellaneous manufacturing .....                                       | 2                               | '1 835 | '402                      | '35 699             | '1 179 976         | '24 194             | '46 412       | '605 700              | '2 891 668                        | '3 347 906                         | '6 255 226                           | '99 754         |
| 33991      | Jewelry and silverware manufacturing .....                                    | 2                               | 757    | 144                       | 13 695              | 455 773            | 9 017               | 16 558        | 230 565               | 1 274 616                         | 2 134 301                          | 3 417 406                            | 30 545          |
| 339911     | Jewelry (except costume) manufacturing .....                                  | 2                               | 551    | 107                       | 10 379              | 364 202            | 6 879               | 12 650        | 185 687               | 1 018 055                         | 1 679 448                          | 2 722 299                            | 23 806          |
| 339913     | Jewelers' material and lapidary work manufacturing .....                      | 2                               | 94     | 18                        | 2 185               | 57 810             | 1 386               | 2 537         | 30 429                | 166 903                           | 398 634                            | 548 506                              | 5 156           |
| 339914     | Costume jewelry and novelty manufacturing .....                               | 2                               | 93     | 15                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33992      | Sporting and athletic goods manufacturing .....                               | 2                               | 57     | 17                        | 1 125               | 35 930             | 711                 | 1 393         | 16 322                | 104 766                           | 90 702                             | 197 783                              | D               |
| 339920     | Sporting and athletic goods manufacturing .....                               | 2                               | 57     | 17                        | 1 125               | 35 930             | 711                 | 1 393         | 16 322                | 104 766                           | 90 702                             | 197 783                              | D               |
| 33993      | Doll, toy, and game manufacturing .....                                       | 1                               | 55     | 13                        | 1 264               | 44 491             | 669                 | 1 318         | 16 772                | 195 942                           | 188 434                            | 389 791                              | D               |
| 339931     | Doll and stuffed toy manufacturing .....                                      | 1                               | 18     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339932     | Game, toy, and children's vehicle manufacturing .....                         | 1                               | 37     | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339        | Miscellaneous manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3399       | Other miscellaneous manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33994      | Office supplies (except paper) manufacturing .....                            | 2              | 77                              | 21                        | 1 598               | 47 909            | 1 138               | 2 317         | 28 973          | 118 986               | 91 186                            | 208 133                            | 4 935                                |
| 339941     | Pen and mechanical pencil manufacturing .....                                 | 2              | 22                              | 11                        | 810                 | 24 522            | 634                 | 1 269         | 15 782          | 55 697                | 42 429                            | 98 082                             | D                                    |
| 339942     | Lead pencil and art good manufacturing .....                                  | 1              | 15                              | 3                         | 250                 | 7 932             | 144                 | 315           | 4 335           | 30 112                | 19 963                            | 48 397                             | 2 381                                |
| 339943     | Marking device manufacturing .....  | 1              | 35                              | 5                         | 439                 | 12 030            | 302                 | 634           | 7 110           | 26 123                | 19 612                            | 45 430                             | 931                                  |
| 33995      | Sign manufacturing .....  | 3              | '385                            | '75                       | '6 768              | '247 409          | '4 399              | '9 027        | '117 222        | '495 750              | '317 287                          | '812 064                           | '21 587                              |
| 339950     | Sign manufacturing .....  | 3              | '385                            | '75                       | '6 768              | '247 409          | '4 399              | '9 027        | '117 222        | '495 750              | '317 287                          | '812 064                           | '21 587                              |
| 33999      | All other miscellaneous manufacturing .....                                   | 3              | 504                             | 132                       | 11 249              | 348 464           | 8 260               | 15 799        | 195 846         | 701 608               | 525 996                           | 1 230 049                          | 30 374                               |
| 339991     | Gasket, packing, and sealing device manufacturing .....                       | 3              | 31                              | 14                        | 961                 | 35 063            | 650                 | 1 318         | 19 724          | 70 830                | 46 517                            | 117 162                            | D                                    |
| 339992     | Musical instrument manufacturing .....  | —              | 41                              | 5                         | 1 526               | 54 553            | 1 236               | 2 323         | 35 197          | 116 549               | 47 225                            | 161 809                            | 3 911                                |
| 339993     | Fastener, button, needle, and pin manufacturing .....                         | 2              | 34                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339994     | Broom, brush, and mop manufacturing .....                                     | 4              | 29                              | 11                        | 794                 | 21 894            | 639                 | 1 311         | 14 127          | 51 093                | 38 445                            | 89 767                             | D                                    |
| 339999     | All other miscellaneous manufacturing .....                                   | 3              | 364                             | 92                        | 7 348               | 217 654           | 5 281               | 9 991         | 115 696         | 431 004               | 361 751                           | 797 225                            | 20 191                               |
|            | <b>Edison, NJ Metropolitan Division</b>                                       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | 2              | '2 142                          | '657                      | '87 468             | '4 062 243        | '50 682             | '100 352      | '1 746 196      | '10 005 029           | '9 264 270                        | '19 321 959                        | '810 829                             |
| 311        | Food manufacturing .....  | 1              | '203                            | '43                       | '4 124              | '143 989          | '2 836              | '5 209        | '83 015         | '448 650              | '411 287                          | '860 011                           | '27 737                              |
| 3113       | Sugar and confectionery product manufacturing .....                           | 2              | 18                              | 5                         | 574                 | 23 712            | 430                 | 808           | 14 128          | 77 752                | 81 040                            | 161 947                            | 3 620                                |
| 31134      | Nonchocolate confectionery manufacturing .....                                | —              | 5                               | 3                         | 384                 | 17 420            | 276                 | 510           | 9 662           | 54 330                | 68 381                            | 125 817                            | D                                    |
| 311340     | Nonchocolate confectionery manufacturing .....                                | —              | 5                               | 3                         | 384                 | 17 420            | 276                 | 510           | 9 662           | 54 330                | 68 381                            | 125 817                            | D                                    |
| 3115       | Dairy product manufacturing .....   | —              | 9                               | 4                         | 566                 | 15 249            | 489                 | 1 010         | 9 572           | 54 360                | 82 911                            | 137 142                            | 5 225                                |
| 31152      | Ice cream and frozen dessert manufacturing .....                              | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311520     | Ice cream and frozen dessert manufacturing .....                              | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116       | Animal slaughtering and processing .....                                      | 1              | 13                              | 3                         | 400                 | 18 590            | 321                 | 617           | 13 238          | 54 153                | 27 542                            | 82 026                             | 2 715                                |
| 31161      | Animal slaughtering and processing .....                                      | 1              | 13                              | 3                         | 400                 | 18 590            | 321                 | 617           | 13 238          | 54 153                | 27 542                            | 82 026                             | 2 715                                |
| 311612     | Meat processed from carcasses .....   | —              | 6                               | 2                         | 321                 | 15 836            | 260                 | 497           | 11 753          | 49 534                | 12 046                            | 61 918                             | 2 244                                |
| 3118       | Bakeries and tortilla manufacturing .....                                     | 1              | 125                             | 15                        | 1 303               | 29 857            | 792                 | 1 228         | 15 669          | 89 426                | 66 294                            | 155 301                            | 2 801                                |
| 31181      | Bread and bakery product manufacturing .....                                  | 1              | 121                             | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311811     | Retail bakeries .....   | 3              | 101                             | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 764                                  |
| 311812     | Commercial bakeries .....   | —              | 18                              | 6                         | 459                 | 13 359            | 271                 | 468           | 6 363           | 38 511                | 36 534                            | 74 915                             | 995                                  |
| 3119       | Other food manufacturing .....  | 1              | '27                             | '12                       | '1 052              | '50 539           | '627                | '1 219        | '26 720         | '155 632              | '135 460                          | '288 172                           | '12 945                              |
| 31192      | Coffee and tea manufacturing .....  | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311920     | Coffee and tea manufacturing .....  | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31194      | Seasoning and dressing manufacturing .....                                    | 1              | 5                               | 4                         | 323                 | 16 862            | 158                 | 361           | 6 170           | 40 498                | 37 907                            | 77 712                             | 1 269                                |
| 312        | Beverage and tobacco product manufacturing .....                              | —              | 8                               | 3                         | 583                 | 30 385            | 218                 | 447           | 9 934           | 130 624               | 152 548                           | 283 639                            | D                                    |
| 3121       | Beverage manufacturing .....  | —              | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211      | Soft drink and ice manufacturing .....  | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111     | Soft drink manufacturing .....  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....   | 4              | 28                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132       | Fabric mills .....  | 6              | 9                               | 4                         | 405                 | 10 429            | 326                 | 615           | 6 616           | 32 955                | 35 127                            | 68 031                             | D                                    |
| 31324      | Knit fabric mills .....   | 9              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3133       | Textile and fabric finishing and fabric coating mills .....                   | 1              | 17                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>             |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Edison, NJ Metropolitan Division—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 314        | Textile product mills .....   | 2              | 61                              | 8                         | 1 371               | 35 779            | 1 024               | 1 963         | 20 531          | 88 929                | 76 929                            | 172 351                            | D                                    |
| 3141       | Textile furnishings mills .....   | 1              | 20                              | 3                         | 301                 | 6 946             | 264                 | 521           | 5 332           | 21 040                | 20 069                            | 41 162                             | D                                    |
| 31412      | Curtain and linen mills .....   | 1              | 20                              | 3                         | 301                 | 6 946             | 264                 | 521           | 5 332           | 21 040                | 20 069                            | 41 162                             | D                                    |
| 3149       | Other textile product mills .....   | 3              | 41                              | 5                         | 1 070               | 28 833            | 760                 | 1 442         | 15 199          | 67 889                | 56 860                            | 131 189                            | D                                    |
| 31499      | All other textile product mills ...   | 2              | 16                              | 4                         | 932                 | 25 073            | 655                 | 1 251         | 12 909          | 61 124                | 50 790                            | 118 357                            | D                                    |
| 314999     | All other miscellaneous textile product mills .....                                       | 2              | 14                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 471                                  |
| 315        | Apparel manufacturing .....   | 1              | 40                              | 8                         | 1 806               | 41 009            | 1 447               | 2 472         | 26 652          | 89 441                | 111 745                           | 200 828                            | 3 351                                |
| 3151       | Apparel knitting mills .....  | —              | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31519      | Other apparel knitting mills ....   | —              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315191     | Outerwear knitting mills .....  | —              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152       | Cut and sew apparel manufacturing .....   | 2              | 25                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                                   | —              | 4                               | 2                         | 294                 | 6 771             | 208                 | 391           | 3 467           | 12 363                | 7 418                             | 20 384                             | D                                    |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                                | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315234     | Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing ..... | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31529      | Other cut and sew apparel manufacturing .....   | 8              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315292     | Fur and leather apparel manufacturing .....   | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....  | 3              | 42                              | 16                        | 1 067               | 33 547            | 785                 | 1 506         | 19 150          | 51 430                | 75 072                            | 128 614                            | D                                    |
| 3219       | Other wood product manufacturing .....  | 3              | 37                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork .....  | 3              | 22                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321911     | Wood window and door manufacturing .....  | 1              | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | 1              | 43                              | 26                        | 2 833               | 130 757           | 2 050               | 4 535         | 77 361          | 344 339               | 453 597                           | 795 601                            | 13 531                               |
| 3221       | Pulp, paper, and paperboard mills .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212      | Paper mills .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....   | 2              | 42                              | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221      | Paperboard container manufacturing .....  | 2              | 20                              | 14                        | 1 153               | 49 745            | 867                 | 1 955         | 29 555          | 161 434               | 181 438                           | 344 003                            | 5 168                                |
| 322211     | Corrugated and solid fiber box manufacturing .....  | 3              | 10                              | 8                         | 583                 | 27 842            | 398                 | 900           | 13 927          | 87 322                | 134 600                           | 222 380                            | 2 817                                |
| 322212     | Folding paperboard box manufacturing .....  | —              | 4                               | 2                         | 411                 | 16 627            | 339                 | 771           | 11 688          | 50 222                | 18 864                            | 69 337                             | D                                    |
| 32222      | Paper bag and coated and treated paper manufacturing ..                                   | 1              | 14                              | 8                         | 945                 | 44 914            | 628                 | 1 344         | 24 372          | 109 962               | 191 493                           | 300 420                            | D                                    |
| 322222     | Coated and laminated paper manufacturing .....  | 1              | 10                              | 7                         | 854                 | 40 902            | 564                 | 1 194         | 22 175          | 103 910               | 178 811                           | 280 937                            | 5 142                                |
| 32229      | Other converted paper product manufacturing .....   | 1              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 314                                |
| 322299     | All other converted paper product manufacturing .....                                     | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....   | 4              | 256                             | 40                        | 4 039               | 179 044           | 3 047               | 5 484         | 126 710         | 389 458               | 249 621                           | 636 916                            | 23 701                               |
| 3231       | Printing and related support activities .....   | 4              | 256                             | 40                        | 4 039               | 179 044           | 3 047               | 5 484         | 126 710         | 389 458               | 249 621                           | 636 916                            | 23 701                               |
| 32311      | Printing .....  | 4              | 233                             | 36                        | 3 736               | 169 004           | 2 809               | 5 050         | 120 049         | 371 356               | 244 536                           | 613 719                            | 22 097                               |
| 323110     | Commercial lithographic printing .....  | 4              | 95                              | 24                        | 2 559               | 131 420           | 1 963               | 3 555         | 96 916          | 270 284               | 192 477                           | 463 451                            | 16 819                               |
| 323113     | Commercial screen printing ..   | 2              | 32                              | 3                         | 369                 | 10 405            | 288                 | 530           | 5 624           | 26 726                | 19 519                            | 42 250                             | 554                                  |
| 323114     | Quick printing .....  | 2              | 69                              | 4                         | 436                 | 13 021            | 272                 | 474           | 7 267           | 32 876                | 9 131                             | 43 029                             | 3 398                                |
| 32312      | Support activities for printing ...   | 6              | 23                              | 4                         | 303                 | 10 040            | 238                 | 434           | 6 661           | 18 102                | 5 085                             | 23 197                             | 1 604                                |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>              |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Edison, NJ Metropolitan Division—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 324        | Petroleum and coal products manufacturing .....  | 2              | 22                              | 7                         | 611                 | 33 444            | 336                 | 690           | 16 749          | 188 515               | 403 342                           | 583 578                            | 20 250                               |
| 3241       | Petroleum and coal products manufacturing .....  | 2              | 22                              | 7                         | 611                 | 33 444            | 336                 | 690           | 16 749          | 188 515               | 403 342                           | 583 578                            | 20 250                               |
| 32419      | Other petroleum and coal products manufacturing .....                                      | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 986                                  |
| 324191     | Petroleum lubricating oil and grease manufacturing .....                                   | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 986                                  |
| 325        | Chemical manufacturing .....   | 2              | 203                             | 125                       | 27 278              | 1 639 876         | 9 802               | 20 140        | 418 800         | 4 454 018             | 2 832 014                         | 7 324 569                          | 475 497                              |
| 3251       | Basic chemical manufacturing ...   | 1              | 28                              | 22                        | 1 582               | 108 054           | 854                 | 1 760         | 49 624          | 416 243               | 391 044                           | 807 175                            | 28 969                               |
| 32518      | Other basic inorganic chemical manufacturing .....   | 3              | 8                               | 7                         | 434                 | 23 627            | 239                 | 491           | 11 983          | 79 478                | 76 820                            | 157 776                            | D                                    |
| 325188     | All other basic inorganic chemical manufacturing ...                                       | 3              | 8                               | 7                         | 434                 | 23 627            | 239                 | 491           | 11 983          | 79 478                | 76 820                            | 157 776                            | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | —              | 14                              | 11                        | 977                 | 76 090            | 504                 | 1 057         | 32 357          | 316 261               | 295 263                           | 609 794                            | 22 740                               |
| 325199     | All other basic organic chemical manufacturing ....  | —              | 14                              | 11                        | 977                 | 76 090            | 504                 | 1 057         | 32 357          | 316 261               | 295 263                           | 609 794                            | 22 740                               |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | —              | 14                              | 10                        | 759                 | 45 406            | 521                 | 1 092         | 28 714          | 129 070               | 197 842                           | 328 022                            | 3 608                                |
| 32521      | Resin and synthetic rubber manufacturing .....   | —              | 14                              | 10                        | 759                 | 45 406            | 521                 | 1 092         | 28 714          | 129 070               | 197 842                           | 328 022                            | 3 608                                |
| 325211     | Plastics material and resin manufacturing .....  | —              | 13                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254       | Pharmaceutical and medicine manufacturing .....  | 5              | 53                              | 33                        | 15 530              | 1 011 591         | 3 253               | 6 573         | 130 670         | 1 884 824             | 551 316                           | 2 471 542                          | 333 365                              |
| 32541      | Pharmaceutical and medicine manufacturing .....  | 5              | 53                              | 33                        | 15 530              | 1 011 591         | 3 253               | 6 573         | 130 670         | 1 884 824             | 551 316                           | 2 471 542                          | 333 365                              |
| 325411     | Medicinal and botanical manufacturing .....  | 2              | 13                              | 6                         | 699                 | 27 214            | 499                 | 750           | 17 045          | 84 073                | 81 670                            | 163 868                            | D                                    |
| 325412     | Pharmaceutical preparation manufacturing .....   | 6              | 31                              | 22                        | 13 125              | 860 772           | 2 368               | 4 993         | 87 323          | 1 527 757             | 395 510                           | 1 960 918                          | 319 051                              |
| 325413     | In-vitro diagnostic substance manufacturing .....  | —              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255       | Paint, coating, and adhesive manufacturing .....   | —              | 16                              | 7                         | 487                 | 19 963            | 305                 | 617           | 9 209           | 176 787               | 139 165                           | 314 613                            | 7 560                                |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing ..                           | —              | 49                              | 32                        | 7 277               | 363 958           | 3 849               | 7 876         | 152 331         | 1 589 113             | 1 294 702                         | 2 889 957                          | 91 186                               |
| 32561      | Soap and cleaning compound manufacturing .....   | —              | 10                              | 6                         | 717                 | 33 817            | 474                 | 879           | 21 395          | 416 594               | 244 499                           | 664 078                            | 9 815                                |
| 325611     | Soap and other detergent manufacturing .....   | 1              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32562      | Toilet preparation manufacturing .....   | —              | 39                              | 26                        | 6 560               | 330 141           | 3 375               | 6 997         | 130 936         | 1 172 519             | 1 050 203                         | 2 225 879                          | 81 371                               |
| 325620     | Toilet preparation manufacturing .....   | —              | 39                              | 26                        | 6 560               | 330 141           | 3 375               | 6 997         | 130 936         | 1 172 519             | 1 050 203                         | 2 225 879                          | 81 371                               |
| 3259       | Other chemical product and preparation manufacturing .....                                 | —              | 36                              | 18                        | 1 520               | 86 048            | 963                 | 2 104         | 46 759          | 244 924               | 237 467                           | 478 788                            | 10 137                               |
| 32599      | All other chemical product and preparation manufacturing ...                               | —              | 32                              | 17                        | 1 464               | 83 426            | 923                 | 2 025         | 45 001          | 238 110               | 234 447                           | 468 919                            | 9 718                                |
| 325991     | Custom compounding of purchased resins .....   | —              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325992     | Photographic film, paper, plate, and chemical manufacturing .....                          | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325998     | All other miscellaneous chemical product and preparation manufacturing ..                  | 2              | 20                              | 10                        | 594                 | 26 171            | 327                 | 733           | 11 362          | 70 064                | 89 796                            | 159 614                            | D                                    |
| 326        | Plastics and rubber products manufacturing .....   | 1              | '133                            | '77                       | '10 109             | '332 155          | '6 959              | '14 496       | '182 430        | '735 630              | '740 276                          | '1 481 695                         | '68 532                              |
| 3261       | Plastics product manufacturing ..  | 1              | '118                            | '67                       | '8 681              | '282 172          | '5 935              | '12 420       | '152 857        | '582 998              | '583 603                          | '1 170 271                         | '55 684                              |
| 32611      | Plastics packaging materials and unlaminated film and sheet manufacturing .....            | —              | 10                              | 4                         | 288                 | 11 871            | 202                 | 293           | 7 069           | 50 938                | 63 724                            | 115 263                            | 5 306                                |
| 32612      | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....             | 2              | 11                              | 8                         | 744                 | 29 503            | 578                 | 1 361         | 18 874          | 67 874                | 34 008                            | 104 172                            | 3 551                                |
| 326121     | Unlaminated plastics profile shape manufacturing .....                                     | 2              | 10                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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|            | <b>Edison, NJ Metropolitan Division—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326        | Plastics and rubber products manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3261       | Plastics product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32614      | Polystyrene foam product manufacturing .....  | —              | 7                               | 4                         | 716                 | 25 638            | 400                 | 884           | 10 936          | 56 328                | 50 349                            | 107 165                            | 5 532                                |
| 326140     | Polystyrene foam product manufacturing .....  | —              | 7                               | 4                         | 716                 | 25 638            | 400                 | 884           | 10 936          | 56 328                | 50 349                            | 107 165                            | 5 532                                |
| 32615      | Urethane and other foam product (except polystyrene) manufacturing .....                      | —              | '3                              | '3                        | '275                | '10 513           | '116                | '247          | '2 933          | '25 538               | '15 557                           | '40 740                            | '1 158                               |
| 326150     | Urethane and other foam product (except polystyrene) manufacturing .....                      | —              | '3                              | '3                        | '275                | '10 513           | '116                | '247          | '2 933          | '25 538               | '15 557                           | '40 740                            | '1 158                               |
| 32616      | Plastics bottle manufacturing ..  | —              | 5                               | 5                         | 846                 | 28 694            | 710                 | 1 574         | 22 279          | 73 253                | 58 752                            | 130 373                            | 18 198                               |
| 326160     | Plastics bottle manufacturing .....   | —              | 5                               | 5                         | 846                 | 28 694            | 710                 | 1 574         | 22 279          | 73 253                | 58 752                            | 130 373                            | 18 198                               |
| 32619      | Other plastics product manufacturing .....  | 2              | 78                              | 40                        | 5 604               | 167 838           | 3 763               | 7 715         | 85 018          | 288 055               | 338 667                           | 629 002                            | 20 957                               |
| 326199     | All other plastics product manufacturing .....  | 2              | 77                              | 40                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...  | 1              | 15                              | 10                        | 1 428               | 49 983            | 1 024               | 2 076         | 29 573          | 152 632               | 156 673                           | 311 424                            | 12 848                               |
| 32629      | Other rubber product manufacturing .....  | 1              | 14                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299     | All other rubber product manufacturing .....  | 1              | 9                               | 6                         | 1 295               | 44 556            | 946                 | 1 908         | 27 056          | 142 874               | 151 943                           | 296 007                            | 12 646                               |
| 327        | Nonmetallic mineral product manufacturing .....   | 4              | 66                              | 28                        | 2 500               | 106 970           | 1 865               | 4 030         | 71 624          | 264 400               | 247 454                           | 502 190                            | 15 951                               |
| 3271       | Clay product and refractory manufacturing .....   | —              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273       | Cement and concrete product manufacturing .....   | 5              | 33                              | 18                        | 1 691               | 72 022            | 1 255               | 2 718         | 48 251          | 155 498               | 161 823                           | 308 226                            | 9 790                                |
| 32732      | Ready-mix concrete manufacturing .....  | 7              | 15                              | 7                         | 700                 | 32 894            | 604                 | 1 321         | 25 885          | 63 485                | 95 172                            | 151 541                            | 7 278                                |
| 327320     | Ready-mix concrete manufacturing .....  | 7              | 15                              | 7                         | 700                 | 32 894            | 604                 | 1 321         | 25 885          | 63 485                | 95 172                            | 151 541                            | 7 278                                |
| 32733      | Concrete pipe, brick, and block manufacturing .....   | 6              | 6                               | 5                         | 578                 | 21 929            | 374                 | 807           | 11 920          | 59 139                | 41 452                            | 100 048                            | D                                    |
| 327331     | Concrete block and brick manufacturing .....  | 6              | 6                               | 5                         | 578                 | 21 929            | 374                 | 807           | 11 920          | 59 139                | 41 452                            | 100 048                            | D                                    |
| 32739      | Other concrete product manufacturing .....  | —              | 12                              | 6                         | 413                 | 17 199            | 277                 | 590           | 10 446          | 32 874                | 25 199                            | 56 637                             | D                                    |
| 327390     | Other concrete product manufacturing .....  | —              | 12                              | 6                         | 413                 | 17 199            | 277                 | 590           | 10 446          | 32 874                | 25 199                            | 56 637                             | D                                    |
| 3279       | Other nonmetallic mineral product manufacturing .....   | 6              | 18                              | 4                         | 295                 | 14 311            | 188                 | 434           | 7 837           | 34 284                | 37 770                            | 70 992                             | 2 453                                |
| 32799      | All other nonmetallic mineral product manufacturing .....                                     | 6              | 17                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331        | Primary metal manufacturing .....   | 1              | 31                              | 19                        | 2 485               | 113 495           | 1 874               | 3 703         | 80 149          | 273 822               | 272 387                           | 551 320                            | 9 552                                |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....                                       | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....                                       | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111     | Iron and steel mills .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312       | Steel product manufacturing from purchased steel .....  | —              | 4                               | 3                         | 413                 | 19 207            | 311                 | 372           | 12 736          | 50 850                | 22 353                            | 77 307                             | D                                    |
| 33121      | Iron and steel pipe and tube manufacturing from purchased steel .....                         | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331210     | Iron and steel pipe and tube manufacturing from purchased steel .....                         | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                            | —              | 14                              | 8                         | 894                 | 39 515            | 612                 | 1 342         | 25 425          | 87 632                | 97 251                            | 185 780                            | 4 843                                |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying ..... | —              | 8                               | 6                         | 635                 | 28 477            | 463                 | 990           | 19 473          | 51 011                | 71 104                            | 123 868                            | 3 408                                |
| 331491     | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....           | —              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 268                                |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
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|            | <b>Edison, NJ Metropolitan Division—Con.</b>                                  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331        | Primary metal manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3315       | Foundries .....   | 7              | 10                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151      | Ferrous metal foundries .....   | 9              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331511     | Iron foundries .....  | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....                                  | 1              | 307                             | 60                        | 6 821               | 249 206           | 5 044               | 9 839         | 149 525         | 604 715               | 675 765                           | 1 273 867                          | 29 135                               |
| 3321       | Forging and stamping .....  | 4              | 19                              | 7                         | 483                 | 18 169            | 376                 | 794           | 12 108          | 48 081                | 59 080                            | 107 310                            | 2 391                                |
| 33211      | Forging and stamping .....  | 4              | 19                              | 7                         | 483                 | 18 169            | 376                 | 794           | 12 108          | 48 081                | 59 080                            | 107 310                            | 2 391                                |
| 332116     | Metal stamping .....  | 1              | 12                              | 4                         | 314                 | 10 972            | 243                 | 509           | 7 346           | 22 310                | 20 349                            | 41 972                             | D                                    |
| 3323       | Architectural and structural metals manufacturing .....                       | 1              | 70                              | 21                        | 2 576               | 81 889            | 1 804               | 3 359         | 42 857          | 236 362               | 359 444                           | 586 167                            | 9 917                                |
| 33231      | Plate work and fabricated structural product manufacturing .....              | —              | 26                              | 6                         | 687                 | 24 121            | 449                 | 742           | 11 461          | 98 298                | 138 493                           | 232 710                            | 5 609                                |
| 332312     | Fabricated structural metal manufacturing .....                               | —              | 20                              | 5                         | 646                 | 22 623            | 425                 | 695           | 10 811          | 95 346                | 135 566                           | 226 814                            | 5 511                                |
| 33232      | Ornamental and architectural metal products manufacturing .....               | 1              | 44                              | 15                        | 1 889               | 57 768            | 1 355               | 2 617         | 31 396          | 138 064               | 220 951                           | 353 457                            | 4 308                                |
| 332321     | Metal window and door manufacturing .....                                     | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332322     | Sheet metal work manufacturing .....  | 1              | 24                              | 10                        | 859                 | 32 242            | 581                 | 1 180         | 17 258          | 83 664                | 181 442                           | 259 463                            | 2 461                                |
| 3324       | Boiler, tank, and shipping container manufacturing .....                      | 2              | 10                              | 5                         | 430                 | 20 480            | 357                 | 733           | 15 522          | 51 862                | 97 269                            | 151 030                            | 2 035                                |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....   | 2              | 5                               | 4                         | 365                 | 16 297            | 316                 | 650           | 13 060          | 43 823                | 84 372                            | 130 649                            | D                                    |
| 332439     | Other metal container manufacturing .....                                     | 4              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 074                                |
| 3326       | Spring and wire product manufacturing .....                                   | —              | 16                              | 5                         | 755                 | 32 074            | 538                 | 1 085         | 18 135          | 66 145                | 38 063                            | 105 703                            | 2 348                                |
| 33261      | Spring and wire product manufacturing .....                                   | —              | 16                              | 5                         | 755                 | 32 074            | 538                 | 1 085         | 18 135          | 66 145                | 38 063                            | 105 703                            | 2 348                                |
| 332618     | Other fabricated wire product manufacturing .....                             | —              | 14                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....   | 3              | 119                             | 8                         | 1 322               | 49 702            | 1 054               | 2 080         | 33 173          | 104 165               | 58 943                            | 161 647                            | 5 385                                |
| 33271      | Machine shops .....   | 4              | 103                             | 4                         | 696                 | 27 854            | 559                 | 1 066         | 19 214          | 49 794                | 22 657                            | 70 967                             | 2 286                                |
| 332710     | Machine shops .....   | 4              | 103                             | 4                         | 696                 | 27 854            | 559                 | 1 066         | 19 214          | 49 794                | 22 657                            | 70 967                             | 2 286                                |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                   | 2              | 16                              | 4                         | 626                 | 21 848            | 495                 | 1 014         | 13 959          | 54 371                | 36 286                            | 90 680                             | 3 099                                |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....                       | 2              | 6                               | 3                         | 552                 | 19 492            | 436                 | 900           | 12 099          | 50 886                | 32 883                            | 83 792                             | 2 984                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....                | —              | 24                              | 4                         | 263                 | 10 137            | 185                 | 350           | 6 065           | 18 706                | 9 499                             | 28 610                             | 4 425                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..                   | —              | 24                              | 4                         | 263                 | 10 137            | 185                 | 350           | 6 065           | 18 706                | 9 499                             | 28 610                             | 4 425                                |
| 3329       | Other fabricated metal product manufacturing .....                            | 3              | 36                              | 8                         | 823                 | 30 607            | 601                 | 1 177         | 17 940          | 64 858                | 44 646                            | 109 915                            | 2 251                                |
| 33291      | Metal valve manufacturing .....   | 1              | 4                               | 3                         | 273                 | 10 633            | 174                 | 327           | 3 991           | 17 256                | 18 773                            | 36 330                             | 504                                  |
| 33299      | All other fabricated metal product manufacturing .....                        | 3              | 32                              | 5                         | 550                 | 19 974            | 427                 | 850           | 13 949          | 47 602                | 25 873                            | 73 585                             | 1 747                                |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....          | 2              | 17                              | 2                         | 363                 | 12 321            | 280                 | 541           | 8 376           | 29 843                | 16 757                            | 46 551                             | 1 277                                |
| 333        | Machinery manufacturing .....   | 1              | 125                             | 39                        | 3 690               | 145 378           | 2 461               | 4 549         | 76 576          | 334 889               | 357 844                           | 677 271                            | 9 980                                |
| 3332       | Industrial machinery manufacturing .....                                      | —              | 25                              | 9                         | 542                 | 24 406            | 313                 | 593           | 11 059          | 53 335                | 56 055                            | 105 362                            | D                                    |
| 33329      | Other industrial machinery manufacturing .....                                | 1              | 22                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|            | <b>Edison, NJ Metropolitan Division—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                           | —              | 9                               | 5                         | 1 343               | 40 801            | 1 112               | 2 169         | 28 659          | 113 519               | 169 068                           | 276 592                            | 2 331                                |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                           | —              | 9                               | 5                         | 1 343               | 40 801            | 1 112               | 2 169         | 28 659          | 113 519               | 169 068                           | 276 592                            | 2 331                                |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....    | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3335       | Metalworking machinery manufacturing .....   | 1              | 29                              | 3                         | 275                 | 11 498            | 183                 | 357           | 7 168           | 29 890                | 8 395                             | 38 817                             | 807                                  |
| 33351      | Metalworking machinery manufacturing .....   | 1              | 29                              | 3                         | 275                 | 11 498            | 183                 | 357           | 7 168           | 29 890                | 8 395                             | 38 817                             | 807                                  |
| 3339       | Other general purpose machinery manufacturing .....  | 2              | 43                              | 14                        | 1 161               | 50 380            | 615                 | 1 008         | 20 032          | 96 329                | 67 301                            | 160 816                            | 2 521                                |
| 33399      | All other general purpose machinery manufacturing ....   | 3              | 32                              | 11                        | 818                 | 33 675            | 468                 | 702           | 13 769          | 61 667                | 43 329                            | 105 993                            | 1 729                                |
| 334        | Computer and electronic product manufacturing .....  | 3              | 133                             | 53                        | 5 590               | 283 685           | 3 054               | 5 934         | 114 362         | 507 153               | 467 884                           | 1 000 352                          | 46 215                               |
| 3342       | Communications equipment manufacturing .....   | 5              | 25                              | 14                        | 1 633               | 82 753            | 877                 | 1 761         | 29 299          | 108 740               | 146 225                           | 283 661                            | D                                    |
| 33421      | Telephone apparatus manufacturing .....  | 1              | 8                               | 3                         | 387                 | 23 284            | 185                 | 346           | 8 800           | 16 573                | 38 371                            | 81 706                             | D                                    |
| 334210     | Telephone apparatus manufacturing .....  | 1              | 8                               | 3                         | 387                 | 23 284            | 185                 | 346           | 8 800           | 16 573                | 38 371                            | 81 706                             | D                                    |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 6              | 13                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 993                                |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 6              | 13                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 993                                |
| 3344       | Semiconductor and other electronic component manufacturing .....   | 3              | 39                              | 20                        | 1 774               | 90 331            | 1 035               | 1 987         | 39 189          | 148 414               | 96 463                            | 241 224                            | 10 577                               |
| 33441      | Semiconductor and other electronic component manufacturing .....   | 3              | 39                              | 20                        | 1 774               | 90 331            | 1 035               | 1 987         | 39 189          | 148 414               | 96 463                            | 241 224                            | 10 577                               |
| 334413     | Semiconductor and related device manufacturing .....   | 2              | 10                              | 7                         | 843                 | 57 694            | 450                 | 940           | 23 795          | 83 642                | 50 141                            | 130 696                            | 4 980                                |
| 334419     | Other electronic component manufacturing .....   | 1              | 15                              | 4                         | 304                 | 12 451            | 217                 | 370           | 6 310           | 19 688                | 12 209                            | 32 331                             | 454                                  |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | 3              | 45                              | 14                        | 1 893               | 99 012            | 964                 | 1 825         | 40 869          | 222 577               | 183 906                           | 409 533                            | 13 762                               |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | 3              | 45                              | 14                        | 1 893               | 99 012            | 964                 | 1 825         | 40 869          | 222 577               | 183 906                           | 409 533                            | 13 762                               |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing ...  | 3              | 4                               | 4                         | 1 007               | 50 133            | 524                 | 914           | 20 016          | 110 086               | 126 002                           | 234 334                            | 5 840                                |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | 6              | 12                              | 4                         | 289                 | 17 830            | 210                 | 483           | 12 927          | 46 288                | 14 154                            | 63 513                             | D                                    |
| 334516     | Analytical laboratory instrument manufacturing ..  | —              | 5                               | 2                         | 257                 | 14 860            | 88                  | 191           | 3 046           | 27 430                | 24 146                            | 51 657                             | 441                                  |
| 335        | Electrical equipment, appliance, and component manufacturing .....   | 1              | 50                              | 17                        | 1 727               | 69 844            | 1 166               | 2 343         | 37 776          | 128 367               | 216 174                           | 341 541                            | 10 630                               |
| 3353       | Electrical equipment manufacturing .....   | 5              | 24                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531      | Electrical equipment manufacturing .....   | 5              | 24                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Edison, NJ Metropolitan Division—Con.</b>                                  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335        | Electrical equipment, appliance, and component manufacturing—Con.             |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3359       | Other electrical equipment and component manufacturing .....                  | —  | 16                              | 8                         | 1 193               | 50 096            | 821                 | 1 643         | 29 028          | 86 578                | 186 440                           | 269 831                            | 9 852                                |
| 33591      | Battery manufacturing .....   | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335911     | Storage battery manufacturing .....   | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....              | 1  | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..   | 2  | 8                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....                                  | —  | 41                              | 13                        | 2 179               | 111 126           | 1 856               | 3 373         | 87 526          | 129 168               | 991 274                           | 1 137 577                          | 7 626                                |
| 3361       | Motor vehicle manufacturing .....   | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33611      | Automobile and light duty motor vehicle manufacturing .....                   | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336112     | Light truck and utility vehicle manufacturing .....                           | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363       | Motor vehicle parts manufacturing .....                                       | —  | 18                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 991                                |
| 337        | Furniture and related product manufacturing .....                             | 2  | 137                             | 27                        | 2 453               | 81 356            | 1 769               | 3 530         | 48 816          | 175 695               | 137 250                           | 312 338                            | 3 798                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | 2  | 98                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 032                                |
| 33711      | Wood kitchen cabinet and countertop manufacturing ....                        | 3  | 63                              | 7                         | 594                 | 16 900            | 454                 | 818           | 12 249          | 26 938                | 22 523                            | 49 899                             | 1 592                                |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                          | 3  | 63                              | 7                         | 594                 | 16 900            | 454                 | 818           | 12 249          | 26 938                | 22 523                            | 49 899                             | 1 592                                |
| 33712      | Household and institutional furniture manufacturing .....                     | 1  | 35                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 440                                  |
| 3372       | Office furniture (including fixtures) manufacturing .....                     | 2  | 30                              | 12                        | 882                 | 38 286            | 554                 | 1 179         | 19 334          | 63 707                | 46 819                            | 109 856                            | 1 122                                |
| 33721      | Office furniture (including fixtures) manufacturing .....                     | 2  | 30                              | 12                        | 882                 | 38 286            | 554                 | 1 179         | 19 334          | 63 707                | 46 819                            | 109 856                            | 1 122                                |
| 337212     | Custom architectural woodwork and millwork manufacturing .....                | 3  | 13                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                 | 1  | 16                              | 6                         | 497                 | 19 419            | 320                 | 694           | 9 792           | 32 124                | 29 134                            | 60 713                             | 699                                  |
| 3379       | Other furniture related product manufacturing .....                           | —  | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 644                                  |
| 33792      | Blind and shade manufacturing .....   | 1  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337920     | Blind and shade manufacturing .....   | 1  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339        | Miscellaneous manufacturing .....   | 1  | '208                            | '37                       | '5 402              | '274 347          | '2 480              | '4 919        | '81 480         | '596 542              | '312 267                          | '908 111                           | '25 542                              |
| 3391       | Medical equipment and supplies manufacturing .....                            | 1  | 96                              | 22                        | 3 540               | 202 228           | 1 449               | 2 902         | 51 398          | 411 515               | 196 055                           | 599 280                            | 18 459                               |
| 33911      | Medical equipment and supplies manufacturing .....                            | 1  | 96                              | 22                        | 3 540               | 202 228           | 1 449               | 2 902         | 51 398          | 411 515               | 196 055                           | 599 280                            | 18 459                               |
| 339112     | Surgical and medical instrument manufacturing ..                              | 5  | 14                              | 5                         | 752                 | 32 772            | 507                 | 1 018         | 15 196          | 77 188                | 25 699                            | 102 381                            | 3 700                                |
| 339113     | Surgical appliance and supplies manufacturing ....                            | —  | 10                              | 6                         | 1 997               | 138 843           | 380                 | 785           | 17 360          | 270 224               | 154 981                           | 416 813                            | 11 537                               |
| 339114     | Dental equipment and supplies manufacturing .....                             | —  | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339116     | Dental laboratories .....   | 4  | 54                              | 4                         | 326                 | 10 323            | 244                 | 451           | 7 245           | 17 441                | 4 014                             | 21 373                             | 509                                  |
| 3399       | Other miscellaneous manufacturing .....                                       | 1  | '112                            | '15                       | '1 862              | '72 119           | '1 031              | '2 017        | '30 082         | '185 027              | '116 212                          | '308 831                           | '7 083                               |
| 33993      | Doll, toy, and game manufacturing .....                                       | —  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339932     | Game, toy, and children's vehicle manufacturing ....                          | —  | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33995      | Sign manufacturing .....  | —  | '37                             | '5                        | '542                | '28 005           | '230                | '464          | '8 546          | '52 642               | '31 159                           | '88 900                            | '1 869                               |
| 339950     | Sign manufacturing .....  | —  | '37                             | '5                        | '542                | '28 005           | '230                | '464          | '8 546          | '52 642               | '31 159                           | '88 900                            | '1 869                               |
| 33999      | All other miscellaneous manufacturing .....                                   | 4  | 46                              | 5                         | 610                 | 18 527            | 419                 | 815           | 11 301          | 41 401                | 32 661                            | 74 041                             | 2 094                                |
| 339999     | All other miscellaneous manufacturing .....                                   | 3  | 30                              | 3                         | 327                 | 9 279             | 193                 | 344           | 4 583           | 20 538                | 18 579                            | 39 138                             | 865                                  |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Newark-Union, NJ-PA Metropolitan Division</b>                              |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | 1              | '2 997                          | '927                      | '98 010             | '4 165 138        | '62 882             | '122 610      | '2 128 971      | '16 495 951           | '13 965 618                       | '30 735 330                        | '923 892                             |
| 311        | Food manufacturing .....  | 1              | 240                             | 62                        | 7 527               | 243 000           | 5 177               | 9 660         | 150 243         | 947 634               | 998 732                           | 1 944 899                          | 37 708                               |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....         | —              | 10                              | 5                         | 792                 | 26 572            | 622                 | 1 102         | 18 446          | 109 744               | 159 616                           | 269 487                            | 4 408                                |
| 31142      | Fruit and vegetable canning, pickling, and drying .....                       | —              | 6                               | 3                         | 662                 | 22 995            | 497                 | 847           | 15 164          | 91 023                | 149 310                           | 240 460                            | 4 030                                |
| 311421     | Fruit and vegetable canning .....   | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115       | Dairy product manufacturing .....   | 1              | 19                              | 8                         | 1 021               | 42 666            | 626                 | 1 363         | 27 575          | 169 937               | 299 505                           | 469 518                            | 7 807                                |
| 31151      | Dairy product (except frozen) manufacturing .....                             | 1              | 11                              | 5                         | 912                 | 38 949            | 547                 | 1 237         | 25 291          | 160 896               | 290 700                           | 451 919                            | D                                    |
| 311511     | Fluid milk manufacturing .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116       | Animal slaughtering and processing .....                                      | 2              | 26                              | 10                        | 806                 | 31 770            | 556                 | 1 151         | 18 066          | 70 133                | 105 396                           | 177 238                            | 3 910                                |
| 31161      | Animal slaughtering and processing .....                                      | 2              | 26                              | 10                        | 806                 | 31 770            | 556                 | 1 151         | 18 066          | 70 133                | 105 396                           | 177 238                            | 3 910                                |
| 311612     | Meat processed from carcasses .....   | 2              | 14                              | 7                         | 569                 | 21 658            | 452                 | 909           | 14 176          | 37 983                | 74 372                            | 113 326                            | 2 399                                |
| 3117       | Seafood product preparation and packaging .....                               | 6              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31171      | Seafood product preparation and packaging .....                               | 6              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....                                     | 2              | 139                             | 22                        | 2 842               | 76 420            | 1 886               | 3 458         | 48 704          | 248 387               | 122 741                           | 372 015                            | 8 240                                |
| 31181      | Bread and bakery product manufacturing .....                                  | 4              | 133                             | 19                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311811     | Retail bakeries .....   | 4              | 100                             | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 564                                |
| 311812     | Commercial bakeries .....   | 4              | 32                              | 11                        | 1 124               | 32 537            | 698                 | 1 215         | 17 913          | 94 487                | 38 861                            | 133 271                            | 2 170                                |
| 31182      | Cookie, cracker, and pasta manufacturing .....                                | —              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821     | Cookie and cracker manufacturing .....  | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119       | Other food manufacturing .....  | 1              | 27                              | 9                         | 1 397               | 42 663            | 968                 | 1 868         | 25 528          | 280 152               | 174 150                           | 451 087                            | 6 268                                |
| 31199      | All other food manufacturing .....  | —              | 15                              | 5                         | 896                 | 22 717            | 568                 | 1 198         | 11 113          | 143 592               | 75 904                            | 219 965                            | D                                    |
| 311999     | All other miscellaneous food manufacturing .....                              | —              | 12                              | 5                         | 875                 | 22 074            | 549                 | 1 163         | 10 598          | 142 295               | 74 850                            | 217 614                            | D                                    |
| 312        | Beverage and tobacco product manufacturing .....                              | —              | 16                              | 5                         | 1 615               | 80 132            | 1 105               | 2 064         | 49 173          | 575 680               | 391 280                           | 968 392                            | 39 176                               |
| 3121       | Beverage manufacturing .....  | —              | 13                              | 5                         | 1 610               | 80 021            | 1 102               | 2 060         | 49 116          | 575 384               | 391 246                           | 968 062                            | 39 171                               |
| 31211      | Soft drink and ice manufacturing .....  | 1              | 10                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111     | Soft drink manufacturing .....  | 1              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31212      | Breweries .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312120     | Breweries .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....   | 3              | 31                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132       | Fabric mills .....  | 3              | 15                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31322      | Narrow fabric mills and schiffli machine embroidery .....                     | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313221     | Narrow fabric mills .....   | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3133       | Textile and fabric finishing and fabric coating mills .....                   | 2              | 15                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314        | Textile product mills .....   | 2              | 64                              | 20                        | 1 547               | 37 922            | 1 285               | 2 377         | 24 799          | 80 959                | 86 554                            | 166 730                            | D                                    |
| 3141       | Textile furnishings mills .....   | 2              | 34                              | 7                         | 644                 | 14 983            | 527                 | 919           | 9 802           | 38 732                | 46 390                            | 84 229                             | D                                    |
| 31412      | Curtain and linen mills .....   | 2              | 30                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129     | Other household textile product mills .....                                   | 2              | 11                              | 5                         | 469                 | 11 314            | 397                 | 752           | 7 869           | 31 811                | 40 654                            | 71 573                             | 617                                  |
| 3149       | Other textile product mills .....   | 2              | 30                              | 13                        | 903                 | 22 939            | 758                 | 1 458         | 14 997          | 42 227                | 40 164                            | 82 501                             | D                                    |
| 31499      | All other textile product mills .....   | 2              | 27                              | 13                        | 891                 | 22 403            | 750                 | 1 445         | 14 704          | 41 398                | 39 692                            | 81 197                             | D                                    |
| 314999     | All other miscellaneous textile product mills .....                           | 1              | 26                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Newark-Union, NJ-PA Metropolitan Division—Con.</b>                         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315        | Apparel manufacturing .....   | 1              | 85                              | 24                        | 2 427               | 66 991            | 1 937               | 3 476         | 38 743          | 166 677               | 292 806                           | 472 029                            | D                                    |
| 3152       | Cut and sew apparel manufacturing .....                                       | 1              | 65                              | 16                        | 1 840               | 55 406            | 1 425               | 2 500         | 30 129          | 145 480               | 257 517                           | 414 174                            | D                                    |
| 31521      | Cut and sew apparel contractors .....   | 7              | 29                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....           | 7              | 23                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                       | 2              | 10                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                    | —              | 19                              | 3                         | 827                 | 36 911            | 514                 | 807           | 15 826          | 116 524               | 241 423                           | 368 933                            | D                                    |
| 315239     | Women's and girls' cut and sew other outerwear manufacturing .....            | —              | 9                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3159       | Apparel accessories and other apparel manufacturing .....                     | —              | 13                              | 6                         | 361                 | 6 287             | 315                 | 635           | 4 428           | 14 837                | 27 485                            | 43 254                             | D                                    |
| 31599      | Apparel accessories and other apparel manufacturing .....                     | —              | 13                              | 6                         | 361                 | 6 287             | 315                 | 635           | 4 428           | 14 837                | 27 485                            | 43 254                             | D                                    |
| 315991     | Hat, cap, and millinery manufacturing .....                                   | —              | 5                               | 4                         | 275                 | 4 863             | 239                 | 516           | 3 541           | 12 517                | 24 844                            | 37 261                             | D                                    |
| 316        | Leather and allied product manufacturing .....                                | —              | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3161       | Leather and hide tanning and finishing .....                                  | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31611      | Leather and hide tanning and finishing .....                                  | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316110     | Leather and hide tanning and finishing .....                                  | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....  | 4              | 34                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....  | 5              | 30                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork .....  | 5              | 20                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321918     | Other millwork (including flooring) .....                                     | 5              | 13                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | 2              | 79                              | 43                        | 4 563               | 192 914           | 3 441               | 7 177         | 124 946         | 438 076               | 531 134                           | 968 105                            | 21 739                               |
| 3221       | Pulp, paper, and paperboard mills .....                                       | 5              | 6                               | 6                         | 776                 | 39 571            | 610                 | 1 350         | 29 038          | 101 312               | 130 372                           | 230 247                            | 5 948                                |
| 32212      | Paper mills .....   | 7              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills .....  | 7              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....                                   | 2              | 73                              | 37                        | 3 787               | 153 343           | 2 831               | 5 827         | 95 908          | 336 764               | 400 762                           | 737 858                            | 15 791                               |
| 32221      | Paperboard container manufacturing .....                                      | 1              | 37                              | 20                        | 2 057               | 91 254            | 1 508               | 3 109         | 52 714          | 193 941               | 228 429                           | 421 257                            | 9 155                                |
| 322211     | Corrugated and solid fiber box manufacturing .....                            | 1              | 20                              | 11                        | 1 232               | 56 705            | 843                 | 1 745         | 29 020          | 125 627               | 166 684                           | 292 265                            | 4 548                                |
| 322212     | Folding paperboard box manufacturing .....                                    | 2              | 10                              | 5                         | 440                 | 20 654            | 363                 | 735           | 14 217          | 35 980                | 25 182                            | 60 724                             | 4 019                                |
| 32222      | Paper bag and coated and treated paper manufacturing ..                       | 2              | 22                              | 11                        | 1 047               | 41 912            | 769                 | 1 530         | 28 010          | 93 714                | 121 270                           | 217 590                            | 4 459                                |
| 322222     | Coated and laminated paper manufacturing .....                                | 3              | 14                              | 8                         | 636                 | 29 712            | 458                 | 965           | 19 421          | 72 496                | 76 145                            | 148 778                            | 2 946                                |
| 32223      | Stationery product manufacturing .....  | —              | 9                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 649                                  |
| 322232     | Envelope manufacturing .....  | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....                                 | 2              | 392                             | 80                        | 6 772               | 280 908           | 4 664               | 9 004         | 161 505         | 618 542               | 333 879                           | 957 214                            | 27 024                               |
| 3231       | Printing and related support activities .....                                 | 2              | 392                             | 80                        | 6 772               | 280 908           | 4 664               | 9 004         | 161 505         | 618 542               | 333 879                           | 957 214                            | 27 024                               |
| 32311      | Printing .....  | 1              | 351                             | 72                        | 6 242               | 258 428           | 4 298               | 8 280         | 147 972         | 573 223               | 324 055                           | 902 036                            | 25 289                               |
| 323110     | Commercial lithographic printing .....  | 2              | 164                             | 39                        | 3 056               | 147 049           | 2 007               | 3 952         | 79 014          | 295 006               | 201 259                           | 496 199                            | 16 154                               |
| 323113     | Commercial screen printing ..   | 1              | 47                              | 13                        | 1 051               | 28 994            | 766                 | 1 393         | 15 894          | 39 851                | 23 801                            | 67 986                             | 1 512                                |
| 323114     | Quick printing .....  | 1              | 66                              | 5                         | 598                 | 25 784            | 413                 | 794           | 17 303          | 52 358                | 25 203                            | 77 555                             | D                                    |
| 323116     | Manifold business forms printing .....  | —              | 6                               | 4                         | 476                 | 16 476            | 385                 | 775           | 12 157          | 80 758                | 21 592                            | 102 366                            | 756                                  |
| 323119     | Other commercial printing ...   | 2              | 30                              | 5                         | 343                 | 12 602            | 232                 | 362           | 6 865           | 26 005                | 11 521                            | 37 501                             | 1 238                                |
| 32312      | Support activities for printing...  | 6              | 41                              | 8                         | 530                 | 22 480            | 366                 | 724           | 13 533          | 45 319                | 9 824                             | 55 178                             | 1 735                                |
| 323122     | Prepress services .....   | 6              | 28                              | 6                         | 394                 | 18 166            | 256                 | 482           | 10 781          | 34 425                | 7 348                             | 41 856                             | 891                                  |

See footnotes at end of table.

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|---------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |         |
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|            | <b>Newark-Union, NJ-PA Metropolitan Division—Con.</b>                                      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 324        | Petroleum and coal products manufacturing .....  | -              | 16                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 3241       | Petroleum and coal products manufacturing .....  | -              | 16                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 32411      | Petroleum refineries .....   | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 324110     | Petroleum refineries .....   | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 32419      | Other petroleum and coal products manufacturing .....                                      | -              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 207                                |         |
| 324191     | Petroleum lubricating oil and grease manufacturing .....                                   | -              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 325        | Chemical manufacturing .....   | 1              | 213                             | 99                        |                     | 22 057            | 1 165 726           | 10 143        | 19 301          | 415 420               | 8 080 672                         | 3 837 505                          | 12 082 368                           | 499 770 |
| 3251       | Basic chemical manufacturing ...   | -              | 38                              | 18                        |                     | 2 027             | 140 864             | 860           | 1 901           | 44 076                | 553 637                           | 637 651                            | 1 198 087                            | 42 688  |
| 32513      | Synthetic dye and pigment manufacturing .....  | 1              | 7                               | 3                         |                     | 269               | 14 019              | 153           | 294             | 6 197                 | 39 388                            | 34 408                             | 74 705                               | D       |
| 325132     | Synthetic organic dye and pigment manufacturing ...  | 1              | 7                               | 3                         |                     | 269               | 14 019              | 153           | 294             | 6 197                 | 39 388                            | 34 408                             | 74 705                               | D       |
| 32518      | Other basic inorganic chemical manufacturing .....   | 1              | 11                              | 5                         |                     | 372               | 21 234              | 187           | 445             | 9 267                 | 49 475                            | 81 115                             | 139 128                              | 5 147   |
| 325188     | All other basic inorganic chemical manufacturing ...                                       | 1              | 11                              | 5                         |                     | 372               | 21 234              | 187           | 445             | 9 267                 | 49 475                            | 81 115                             | 139 128                              | 5 147   |
| 32519      | Other basic organic chemical manufacturing .....   | -              | 16                              | 9                         |                     | 1 223             | 95 587              | 390           | 899             | 20 790                | 433 534                           | 471 451                            | 901 530                              | 28 874  |
| 325199     | All other basic organic chemical manufacturing ...   | -              | 15                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | 28 874  |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | 1              | 11                              | 7                         |                     | 330               | 12 434              | 251           | 551             | 7 796                 | 34 117                            | 61 428                             | 95 593                               | 2 235   |
| 32521      | Resin and synthetic rubber manufacturing .....   | 1              | 11                              | 7                         |                     | 330               | 12 434              | 251           | 551             | 7 796                 | 34 117                            | 61 428                             | 95 593                               | 2 235   |
| 325211     | Plastics material and resin manufacturing .....  | 1              | 9                               | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3254       | Pharmaceutical and medicine manufacturing .....  | 1              | 39                              | 27                        |                     | 14 208            | 760 344             | 5 453         | 10 028          | 230 958               | 6 466 370                         | 2 009 289                          | 8 608 093                            | 383 619 |
| 32541      | Pharmaceutical and medicine manufacturing .....  | 1              | 39                              | 27                        |                     | 14 208            | 760 344             | 5 453         | 10 028          | 230 958               | 6 466 370                         | 2 009 289                          | 8 608 093                            | 383 619 |
| 325411     | Medicinal and botanical manufacturing .....  | -              | 8                               | 5                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 325412     | Pharmaceutical preparation manufacturing .....   | 1              | 29                              | 20                        |                     | 10 251            | 600 944             | 3 941         | 8 110           | 157 227               | 5 335 638                         | 1 462 980                          | 6 901 313                            | D       |
| 325413     | In-vitro diagnostic substance manufacturing .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3255       | Paint, coating, and adhesive manufacturing .....   | 1              | 35                              | 10                        |                     | 726               | 36 122              | 430           | 912             | 19 195                | 210 170                           | 183 695                            | 387 801                              | 18 177  |
| 32551      | Paint and coating manufacturing .....  | 1              | 20                              | 6                         |                     | 459               | 21 731              | 248           | 531             | 9 834                 | 169 343                           | 142 386                            | 305 793                              | D       |
| 325510     | Paint and coating manufacturing .....  | 1              | 20                              | 6                         |                     | 459               | 21 731              | 248           | 531             | 9 834                 | 169 343                           | 142 386                            | 305 793                              | D       |
| 32552      | Adhesive manufacturing .....   | 1              | 15                              | 4                         |                     | 267               | 14 391              | 182           | 381             | 9 361                 | 40 827                            | 41 309                             | 82 008                               | D       |
| 325520     | Adhesive manufacturing ...   | 1              | 15                              | 4                         |                     | 267               | 14 391              | 182           | 381             | 9 361                 | 40 827                            | 41 309                             | 82 008                               | D       |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing ..                           | 4              | 47                              | 24                        |                     | 3 616             | 166 948             | 2 387         | 4 665           | 86 334                | 707 186                           | 826 996                            | 1 568 523                            | 42 850  |
| 32562      | Toilet preparation manufacturing .....   | 4              | 32                              | 19                        |                     | 3 384             | 156 820             | 2 256         | 4 431           | 82 086                | 670 724                           | 802 003                            | 1 506 498                            | 41 864  |
| 325620     | Toilet preparation manufacturing .....   | 4              | 32                              | 19                        |                     | 3 384             | 156 820             | 2 256         | 4 431           | 82 086                | 670 724                           | 802 003                            | 1 506 498                            | 41 864  |
| 3259       | Other chemical product and preparation manufacturing .....                                 | 3              | 37                              | 12                        |                     | 1 100             | 47 432              | 730           | 1 199           | 26 406                | 104 824                           | 110 624                            | 212 123                              | 9 976   |
| 32599      | All other chemical product and preparation manufacturing ...                               | 2              | 28                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 325991     | Custom compounding of purchased resins .....   | 1              | 12                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 325998     | All other miscellaneous chemical product and preparation manufacturing ..                  | 3              | 15                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 326        | Plastics and rubber products manufacturing .....   | 2              | 162                             | 82                        |                     | 7 070             | 237 356             | 5 365         | 10 602          | 141 647               | 544 024                           | 501 358                            | 1 042 401                            | 29 488  |

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                 |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                    |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Newark-Union, NJ-PA Metropolitan Division—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326        | Plastics and rubber products manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3261       | Plastics product manufacturing ..   | 2  | 139                             | 75                        | 6 299               | 210 960           | 4 859               | 9 475         | 124 791         | 495 623               | 450 628                           | 943 460                            | 27 430                               |
| 32611      | Plastics packaging materials and unaminated film and sheet manufacturing .....                | 1  | 33                              | 22                        | 1 635               | 60 121            | 1 233               | 2 392         | 37 247          | 132 011               | 176 938                           | 309 127                            | 7 283                                |
| 326111     | Plastics bag manufacturing ..   | 3  | 10                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326113     | Unaminated plastics film and sheet (except packaging) manufacturing .....                     | 1  | 19                              | 12                        | 1 072               | 44 293            | 782                 | 1 567         | 27 203          | 96 469                | 137 574                           | 234 963                            | 5 852                                |
| 32612      | Plastics pipe, pipe fitting, and unaminated profile shape manufacturing .....                 | —  | 12                              | 9                         | 467                 | 17 813            | 308                 | 601           | 9 148           | 38 121                | 33 410                            | 72 359                             | 6 228                                |
| 326121     | Unaminated plastics profile shape manufacturing .....   | —  | 10                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619      | Other plastics product manufacturing .....  | 3  | 80                              | 38                        | 3 877               | 115 483           | 3 109               | 6 022         | 68 678          | 270 797               | 188 017                           | 456 064                            | 12 290                               |
| 326199     | All other plastics product manufacturing .....  | 3  | 78                              | 38                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...  | 3  | 23                              | 7                         | 771                 | 26 396            | 506                 | 1 127         | 16 856          | 48 401                | 50 730                            | 98 941                             | 2 058                                |
| 32629      | Other rubber product manufacturing .....  | 4  | 17                              | 6                         | 520                 | 18 824            | 405                 | 896           | 11 764          | 35 209                | 27 810                            | 63 219                             | D                                    |
| 326299     | All other rubber product manufacturing .....  | 4  | 5                               | 4                         | 392                 | 14 766            | 303                 | 685           | 9 107           | 26 520                | 22 583                            | 49 291                             | 1 297                                |
| 327        | Nonmetallic mineral product manufacturing .....   | 3  | 75                              | 30                        | 1 784               | 71 703            | 1 375               | 2 755         | 47 686          | 221 237               | 165 813                           | 385 818                            | 13 454                               |
| 3272       | Glass and glass product manufacturing .....   | 5  | 23                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 614                                |
| 32721      | Glass and glass product manufacturing .....   | 5  | 23                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 614                                |
| 327215     | Glass product manufacturing made of purchased glass ..  | 5  | 18                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 184                                |
| 3273       | Cement and concrete product manufacturing .....   | 2  | 30                              | 14                        | 726                 | 28 963            | 563                 | 1 115         | 19 688          | 99 260                | 85 307                            | 184 866                            | 5 689                                |
| 32732      | Ready-mix concrete manufacturing .....  | 3  | 18                              | 10                        | 421                 | 17 344            | 346                 | 650           | 12 760          | 63 422                | 49 265                            | 113 035                            | 2 547                                |
| 327320     | Ready-mix concrete manufacturing .....  | 3  | 18                              | 10                        | 421                 | 17 344            | 346                 | 650           | 12 760          | 63 422                | 49 265                            | 113 035                            | 2 547                                |
| 3279       | Other nonmetallic mineral product manufacturing .....   | 6  | 14                              | 6                         | 484                 | 21 222            | 363                 | 777           | 14 002          | 81 429                | 53 621                            | 133 708                            | 2 857                                |
| 32799      | All other nonmetallic mineral product manufacturing .....                                     | 6  | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327993     | Mineral wool manufacturing ..   | 9  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331        | Primary metal manufacturing .....   | —  | '42                             | '25                       | '2 423              | '101 278          | '1 769              | '3 743        | '61 265         | '216 247              | '258 174                          | '499 219                           | '9 129                               |
| 3312       | Steel product manufacturing from purchased steel .....  | —  | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122      | Rolling and drawing of purchased steel .....  | —  | 3                               | 3                         | 262                 | 10 416            | 199                 | 411           | 6 888           | 23 641                | 40 232                            | 63 921                             | D                                    |
| 3313       | Alumina and aluminum production and processing .....  | 4  | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131      | Alumina and aluminum production and processing ...  | 4  | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                            | —  | 15                              | 10                        | 772                 | 32 160            | 507                 | 1 010         | 18 346          | 74 321                | 115 957                           | 211 298                            | 3 005                                |
| 33142      | Copper rolling, drawing, extruding, and alloying .....  | —  | 8                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 315                                |
| 331421     | Copper rolling, drawing, and extruding .....  | —  | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying ..... | —  | 6                               | 3                         | 286                 | 13 142            | 171                 | 340           | 7 370           | 18 053                | 80 884                            | 116 700                            | 1 690                                |
| 3315       | Foundries .....   | 1  | '18                             | '7                        | '1 039              | '46 557           | '792                | '1 837        | '29 367         | '92 656               | '67 792                           | '164 345                           | '4 579                               |
| 33151      | Ferrous metal foundries .....   | —  | 5                               | 3                         | 841                 | 39 620            | 642                 | 1 512         | 24 896          | 78 458                | 61 768                            | 143 882                            | D                                    |
| 331512     | Steel investment foundries ..   | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
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|            | <b>Newark-Union, NJ-PA Metropolitan Division—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing .....  | 2  | 565                             | 142                       | '12 439             | '472 138          | '8 543              | '17 198       | '275 441        | '1 026 901            | '724 661                          | '1 757 337                         | '56 403                              |
| 3321       | Forging and stamping.....   | 2  | 56                              | 18                        | 1 621               | 64 483            | 1 200               | 2 551         | 38 878          | 117 679               | 80 864                            | 198 202                            | 4 138                                |
| 33211      | Forging and stamping.....   | 2  | 56                              | 18                        | 1 621               | 64 483            | 1 200               | 2 551         | 38 878          | 117 679               | 80 864                            | 198 202                            | 4 138                                |
| 332116     | Metal stamping .....  | 2  | 49                              | 16                        | 1 441               | 55 921            | 1 066               | 2 239         | 33 680          | 101 668               | 58 080                            | 158 184                            | 3 940                                |
| 3322       | Cutlery and handtool manufacturing .....  | —  | 16                              | 6                         | 621                 | 19 908            | 517                 | 822           | 13 794          | 58 464                | 37 051                            | 95 721                             | 1 349                                |
| 33221      | Cutlery and handtool manufacturing .....  | —  | 16                              | 6                         | 621                 | 19 908            | 517                 | 822           | 13 794          | 58 464                | 37 051                            | 95 721                             | 1 349                                |
| 332212     | Hand and edge tool manufacturing .....  | —  | 14                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323       | Architectural and structural metals manufacturing .....   | 2  | '106                            | '26                       | '2 539              | '90 621           | '1 749              | '3 500        | '51 937         | '199 056              | '172 553                          | '371 980                           | '10 930                              |
| 33231      | Plate work and fabricated structural product manufacturing .....                                  | 3  | 32                              | 6                         | 404                 | 18 941            | 277                 | 594           | 10 653          | 49 500                | 43 969                            | 93 672                             | 2 105                                |
| 332312     | Fabricated structural metal manufacturing .....   | 2  | 22                              | 5                         | 338                 | 16 614            | 228                 | 494           | 8 981           | 44 875                | 37 650                            | 82 509                             | 1 925                                |
| 33232      | Ornamental and architectural metal products manufacturing .....                                   | 2  | '74                             | '20                       | '2 135              | '71 680           | '1 472              | '2 906        | '41 284         | '149 556              | '128 584                          | '278 308                           | '8 825                               |
| 332321     | Metal window and door manufacturing .....   | 3  | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332322     | Sheet metal work manufacturing .....  | 2  | '46                             | '12                       | '1 625              | '53 244           | '1 113              | '2 182        | '30 288         | '112 456              | '97 676                           | '209 438                           | '7 195                               |
| 3324       | Boiler, tank, and shipping container manufacturing .....  | 4  | 14                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33242      | Metal tank (heavy gauge) manufacturing .....  | 2  | 9                               | 5                         | 423                 | 17 774            | 314                 | 646           | 11 163          | 32 504                | 28 806                            | 61 888                             | 4 261                                |
| 332420     | Metal tank (heavy gauge) manufacturing .....  | 2  | 9                               | 5                         | 423                 | 17 774            | 314                 | 646           | 11 163          | 32 504                | 28 806                            | 61 888                             | 4 261                                |
| 3326       | Spring and wire product manufacturing .....   | 4  | 28                              | 11                        | 567                 | 19 042            | 433                 | 889           | 12 219          | 40 018                | 26 532                            | 66 153                             | 4 636                                |
| 33261      | Spring and wire product manufacturing .....   | 4  | 28                              | 11                        | 567                 | 19 042            | 433                 | 889           | 12 219          | 40 018                | 26 532                            | 66 153                             | 4 636                                |
| 332618     | Other fabricated wire product manufacturing .....   | 3  | 25                              | 10                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                       | 3  | 232                             | 37                        | 2 604               | 113 553           | 1 956               | 3 850         | 75 501          | 233 264               | 96 404                            | 331 579                            | 16 812                               |
| 33271      | Machine shops .....   | 2  | 176                             | 20                        | 1 522               | 71 534            | 1 106               | 2 144         | 46 177          | 141 746               | 49 523                            | 190 699                            | 13 641                               |
| 332710     | Machine shops .....   | 2  | 176                             | 20                        | 1 522               | 71 534            | 1 106               | 2 144         | 46 177          | 141 746               | 49 523                            | 190 699                            | 13 641                               |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                       | 5  | 56                              | 17                        | 1 082               | 42 019            | 850                 | 1 706         | 29 324          | 91 518                | 46 881                            | 140 880                            | 3 171                                |
| 332721     | Precision turned product manufacturing .....  | 3  | 43                              | 12                        | 661                 | 28 608            | 518                 | 1 039         | 19 273          | 65 290                | 19 631                            | 85 198                             | 1 740                                |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....   | 7  | 13                              | 5                         | 421                 | 13 411            | 332                 | 667           | 10 051          | 26 228                | 27 250                            | 55 682                             | 1 431                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                    | 1  | 58                              | 11                        | 945                 | 30 977            | 602                 | 1 265         | 17 192          | 57 525                | 36 919                            | 94 807                             | 1 422                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..                                       | 1  | 58                              | 11                        | 945                 | 30 977            | 602                 | 1 265         | 17 192          | 57 525                | 36 919                            | 94 807                             | 1 422                                |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .. | 1  | 17                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 768                                  |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                 | 2  | 37                              | 4                         | 387                 | 16 116            | 241                 | 462           | 7 408           | 27 625                | 15 220                            | 42 987                             | 554                                  |
| 3329       | Other fabricated metal product manufacturing .....  | —  | '52                             | '25                       | '2 888              | '106 623          | '1 585              | '3 249        | '48 112         | '257 059              | '216 478                          | '476 109                           | '12 256                              |
| 33291      | Metal valve manufacturing ....  | —  | 17                              | 9                         | 1 885               | 69 907            | 874                 | 1 705         | 25 262          | 163 196               | 173 922                           | 340 710                            | 9 296                                |
| 332911     | Industrial valve manufacturing .....  | —  | 8                               | 7                         | 1 765               | 64 574            | 800                 | 1 560         | 22 666          | 151 670               | 167 941                           | 322 916                            | 8 859                                |
| 33299      | All other fabricated metal product manufacturing .....  | 1  | '35                             | '16                       | '1 003              | '36 716           | '711                | '1 544        | '22 850         | '93 863               | '42 556                           | '135 399                           | '2 960                               |
| 332996     | Fabricated pipe and pipe fitting manufacturing .....  | —  | 4                               | 3                         | 254                 | 10 233            | 131                 | 312           | 4 954           | 23 812                | 11 862                            | 35 154                             | 983                                  |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                              | 2  | 24                              | 12                        | 644                 | 22 508            | 488                 | 1 040         | 14 767          | 62 430                | 27 875                            | 89 883                             | 1 762                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Newark-Union, NJ-PA Metropolitan Division—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing .....  | 3              | '279                            | '80                       | '5 636              | '260 537          | '3 292              | '6 800        | '116 331        | '584 750              | '480 514                          | '1 065 129                         | '24 028                              |
| 3332       | Industrial machinery manufacturing .....   | 2              | '48                             | '16                       | '1 170              | '63 363           | '463                | '967          | '18 678         | '139 780              | '174 373                          | '315 551                           | '8 097                               |
| 33329      | Other industrial machinery manufacturing .....   | 2              | '45                             | '16                       | '1 155              | '62 604           | '453                | '946          | '18 348         | '138 308              | '173 306                          | '313 012                           | D                                    |
| 333293     | Printing machinery and equipment manufacturing ..  | —              | 12                              | 7                         | 606                 | 34 476            | 190                 | 402           | 7 194           | 73 588                | 132 118                           | 205 305                            | 6 071                                |
| 333298     | All other industrial machinery manufacturing .....   | 6              | 17                              | 8                         | 415                 | 21 537            | 185                 | 391           | 8 270           | 49 808                | 33 107                            | 84 984                             | D                                    |
| 3333       | Commercial and service industry machinery manufacturing .....                                      | 1              | 23                              | 6                         | 411                 | 15 175            | 254                 | 491           | 6 285           | 80 438                | 16 063                            | 92 656                             | 2 890                                |
| 33331      | Commercial and service industry machinery manufacturing .....                                      | 1              | 23                              | 6                         | 411                 | 15 175            | 254                 | 491           | 6 285           | 80 438                | 16 063                            | 92 656                             | 2 890                                |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 7              | 22                              | 10                        | 810                 | 26 266            | 615                 | 1 165         | 15 507          | 73 507                | 66 714                            | 140 326                            | 3 087                                |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 7              | 22                              | 10                        | 810                 | 26 266            | 615                 | 1 165         | 15 507          | 73 507                | 66 714                            | 140 326                            | 3 087                                |
| 333414     | Heating equipment (except warm air furnaces) manufacturing .....                                   | 5              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 703                                  |
| 3335       | Metalworking machinery manufacturing .....   | 2              | 101                             | 17                        | 1 073               | 49 238            | 787                 | 1 658         | 31 857          | 76 444                | 33 511                            | 110 936                            | 4 177                                |
| 33351      | Metalworking machinery manufacturing .....   | 2              | 101                             | 17                        | 1 073               | 49 238            | 787                 | 1 658         | 31 857          | 76 444                | 33 511                            | 110 936                            | 4 177                                |
| 333511     | Industrial mold manufacturing .....  | 1              | 45                              | 8                         | 565                 | 27 933            | 436                 | 931           | 19 803          | 38 244                | 14 674                            | 53 807                             | D                                    |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....                                | 4              | 40                              | 4                         | 253                 | 10 676            | 199                 | 397           | 7 537           | 20 367                | 7 535                             | 27 857                             | D                                    |
| 3339       | Other general purpose machinery manufacturing .....  | 3              | 76                              | 28                        | 2 013               | 100 057           | 1 066               | 2 313         | 40 273          | 200 771               | 179 130                           | 381 338                            | 5 103                                |
| 33392      | Material handling equipment manufacturing .....  | 4              | 17                              | 10                        | 705                 | 32 848            | 376                 | 835           | 13 394          | 60 468                | 77 995                            | 138 609                            | D                                    |
| 333922     | Conveyor and conveying equipment manufacturing ..  | —              | 8                               | 4                         | 343                 | 17 745            | 172                 | 360           | 7 016           | 18 210                | 28 046                            | 46 262                             | D                                    |
| 33399      | All other general purpose machinery manufacturing ....   | 2              | 47                              | 17                        | 1 215               | 62 750            | 641                 | 1 374         | 25 318          | 129 570               | 88 715                            | 219 690                            | 2 880                                |
| 333993     | Packaging machinery manufacturing .....  | 3              | 17                              | 8                         | 427                 | 23 979            | 197                 | 406           | 9 349           | 51 070                | 29 174                            | 79 578                             | 1 180                                |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....                              | 2              | 19                              | 5                         | 563                 | 27 319            | 335                 | 722           | 12 006          | 55 954                | 34 000                            | 89 654                             | 1 364                                |
| 334        | Computer and electronic product manufacturing .....  | '3             | '156                            | '61                       | '5 505              | '254 642          | '3 325              | '6 614        | '113 315        | '686 268              | '361 460                          | '1 064 765                         | '22 829                              |
| 3342       | Communications equipment manufacturing .....   | 2              | 21                              | 11                        | 1 299               | 51 360            | 626                 | 1 126         | 16 196          | 152 207               | 96 165                            | 254 730                            | D                                    |
| 33421      | Telephone apparatus manufacturing .....  | 3              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334210     | Telephone apparatus manufacturing .....  | 3              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....        | 6              | 10                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....        | 6              | 10                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33429      | Other communications equipment manufacturing ....  | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334290     | Other communications equipment manufacturing ..  | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                                 |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                                    |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Newark-Union, NJ-PA Metropolitan Division—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334        | Computer and electronic product manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3344       | Semiconductor and other electronic component manufacturing .....  | —  | 61                              | 29                        | 2 408               | 104 606           | 1 880               | 3 910         | 71 010          | 266 425               | 142 564                           | 422 662                            | D                                    |
| 33441      | Semiconductor and other electronic component manufacturing .....  | —  | 61                              | 29                        | 2 408               | 104 606           | 1 880               | 3 910         | 71 010          | 266 425               | 142 564                           | 422 662                            | D                                    |
| 334413     | Semiconductor and related device manufacturing .....  | —  | 10                              | 4                         | 501                 | 30 390            | 424                 | 953           | 22 962          | 122 773               | 42 718                            | 163 848                            | D                                    |
| 334419     | Other electronic component manufacturing .....  | —  | 24                              | 13                        | 1 149               | 45 537            | 851                 | 1 754         | 29 478          | 96 203                | 65 313                            | 173 224                            | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....                          | 5  | 54                              | 21                        | 1 684               | 93 741            | 759                 | 1 456         | 24 314          | 258 377               | 112 148                           | 367 340                            | 7 701                                |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing .....                          | 5  | 54                              | 21                        | 1 684               | 93 741            | 759                 | 1 456         | 24 314          | 258 377               | 112 148                           | 367 340                            | 7 701                                |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing .....   | 7  | 8                               | 6                         | 415                 | 22 559            | 268                 | 435           | 6 828           | 106 795               | 16 550                            | 123 092                            | 2 470                                |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing ..... | 8  | 6                               | 3                         | 318                 | 22 001            | 103                 | 238           | 4 683           | 47 920                | 26 617                            | 71 826                             | 995                                  |
| 334516     | Analytical laboratory instrument manufacturing ..   | 2  | 6                               | 2                         | 378                 | 22 022            | 132                 | 288           | 4 016           | 46 505                | 36 799                            | 83 270                             | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....  | 3  | 84                              | 38                        | 2 657               | 107 142           | 1 763               | 3 425         | 55 430          | 284 437               | 196 708                           | 481 056                            | 7 585                                |
| 3351       | Electric lighting equipment manufacturing .....   | —  | 21                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33512      | Lighting fixture manufacturing ..   | —  | 19                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335122     | Commercial, industrial, and institutional electric lighting fixture manufacturing .....                       | —  | 5                               | 3                         | 311                 | 12 287            | 183                 | 353           | 5 114           | 54 410                | 49 347                            | 102 777                            | 631                                  |
| 3353       | Electrical equipment manufacturing .....  | 7  | 29                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 178                                |
| 33531      | Electrical equipment manufacturing .....  | 7  | 29                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 178                                |
| 335313     | Switchgear and switchboard apparatus manufacturing .....  | 8  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 678                                  |
| 3359       | Other electrical equipment and component manufacturing .....  | 3  | 33                              | 18                        | 1 208               | 49 486            | 805                 | 1 616         | 24 869          | 114 786               | 75 845                            | 191 331                            | 4 507                                |
| 33593      | Wiring device manufacturing .....   | 1  | 10                              | 6                         | 566                 | 21 736            | 403                 | 732           | 11 855          | 49 683                | 35 165                            | 85 017                             | 2 664                                |
| 335931     | Current-carrying wiring device manufacturing .....  | 3  | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335932     | Noncurrent-carrying wiring device manufacturing .....   | —  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....  | 2  | 15                              | 7                         | 468                 | 20 719            | 289                 | 649           | 9 220           | 46 287                | 22 044                            | 68 581                             | D                                    |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..                                   | 2  | 10                              | 4                         | 271                 | 12 351            | 155                 | 342           | 4 638           | 23 134                | 13 047                            | 36 487                             | 896                                  |
| 336        | Transportation equipment manufacturing .....  | —  | 34                              | 10                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 338                                |
| 3361       | Motor vehicle manufacturing .....   | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33611      | Automobile and light duty motor vehicle manufacturing .....   | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336112     | Light truck and utility vehicle manufacturing .....   | —  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363       | Motor vehicle parts manufacturing .....   | 5  | 21                              | 5                         | 283                 | 13 628            | 218                 | 421           | 9 212           | 30 249                | 29 348                            | 59 701                             | 1 297                                |
| 3364       | Aerospace product and parts manufacturing .....   | —  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641      | Aerospace product and parts manufacturing .....   | —  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336413     | Other aircraft parts and auxiliary equipment manufacturing .....  | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Newark-Union, NJ-PA Metropolitan Division—Con.</b>                         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 337        | Furniture and related product manufacturing .....                             | 3              | 151                             | 35                        | 3 100               | 102 060           | 2 191               | 4 452         | 56 812          | 212 247               | 168 611                           | 382 493                            | 5 742                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | 4              | 93                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 175                                |
| 33711      | Wood kitchen cabinet and countertop manufacturing ....                        | 6              | 55                              | 5                         | 557                 | 18 040            | 427                 | 884           | 11 900          | 30 760                | 20 334                            | 53 169                             | 1 153                                |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                          | 6              | 55                              | 5                         | 557                 | 18 040            | 427                 | 884           | 11 900          | 30 760                | 20 334                            | 53 169                             | 1 153                                |
| 33712      | Household and institutional furniture manufacturing .....                     | 3              | 38                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 022                                |
| 337122     | Nonupholstered wood household furniture manufacturing .....                   | 4              | 26                              | 6                         | 311                 | 8 679             | 257                 | 521           | 6 014           | 17 306                | 14 039                            | 30 620                             | 501                                  |
| 3372       | Office furniture (including fixtures) manufacturing .....                     | 2              | 47                              | 14                        | 1 218               | 40 607            | 753                 | 1 530         | 18 854          | 59 227                | 48 142                            | 108 458                            | 2 682                                |
| 33721      | Office furniture (including fixtures) manufacturing .....                     | 2              | 47                              | 14                        | 1 218               | 40 607            | 753                 | 1 530         | 18 854          | 59 227                | 48 142                            | 108 458                            | 2 682                                |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                 | 2              | 19                              | 6                         | 740                 | 24 296            | 381                 | 792           | 8 405           | 25 007                | 28 074                            | 53 893                             | 1 558                                |
| 3379       | Other furniture related product manufacturing .....                           | 2              | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 885                                  |
| 33791      | Mattress manufacturing .....  | 3              | 9                               | 6                         | 725                 | 21 625            | 546                 | 1 059         | 13 014          | 78 547                | 64 082                            | 142 377                            | D                                    |
| 337910     | Mattress manufacturing .....  | 3              | 9                               | 6                         | 725                 | 21 625            | 546                 | 1 059         | 13 014          | 78 547                | 64 082                            | 142 377                            | D                                    |
| 339        | Miscellaneous manufacturing .....   | 1              | 273                             | 64                        | 4 850               | 188 124           | 3 057               | 5 846         | 89 411          | 488 998               | 304 892                           | 797 693                            | 26 772                               |
| 3391       | Medical equipment and supplies manufacturing .....                            | 1              | 96                              | 21                        | 1 899               | 87 300            | 1 085               | 1 958         | 37 059          | 261 460               | 110 742                           | 376 652                            | 15 597                               |
| 33911      | Medical equipment and supplies manufacturing .....                            | 1              | 96                              | 21                        | 1 899               | 87 300            | 1 085               | 1 958         | 37 059          | 261 460               | 110 742                           | 376 652                            | 15 597                               |
| 339111     | Laboratory apparatus and furniture manufacturing ....                         | —              | 7                               | 3                         | 328                 | 17 131            | 152                 | 197           | 5 558           | 37 935                | 33 189                            | 70 056                             | 1 113                                |
| 339112     | Surgical and medical instrument manufacturing ..                              | —              | 18                              | 4                         | 535                 | 31 923            | 203                 | 432           | 7 850           | 110 566               | 30 107                            | 142 368                            | 9 240                                |
| 339113     | Surgical appliance and supplies manufacturing ....                            | —              | 10                              | 6                         | 483                 | 18 945            | 365                 | 650           | 11 236          | 82 278                | 37 192                            | 120 406                            | 4 238                                |
| 339116     | Dental laboratories .....   | 3              | 53                              | 6                         | 376                 | 14 559            | 269                 | 506           | 10 219          | 23 418                | 5 856                             | 31 964                             | 743                                  |
| 3399       | Other miscellaneous manufacturing .....                                       | 1              | 177                             | 43                        | 2 951               | 100 824           | 1 972               | 3 888         | 52 352          | 227 538               | 194 150                           | 421 041                            | 11 175                               |
| 33991      | Jewelry and silverware manufacturing .....                                    | 2              | 38                              | 8                         | 552                 | 18 762            | 353                 | 623           | 9 498           | 35 647                | 56 243                            | 89 691                             | D                                    |
| 339911     | Jewelry (except costume) manufacturing .....                                  | 1              | 30                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 569                                  |
| 33992      | Sporting and athletic goods manufacturing .....                               | —              | 11                              | 5                         | 326                 | 11 435            | 178                 | 314           | 4 046           | 38 742                | 35 617                            | 75 963                             | 811                                  |
| 339920     | Sporting and athletic goods manufacturing .....                               | —              | 11                              | 5                         | 326                 | 11 435            | 178                 | 314           | 4 046           | 38 742                | 35 617                            | 75 963                             | 811                                  |
| 33994      | Office supplies (except paper) manufacturing .....                            | 1              | 18                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 520                                |
| 33995      | Sign manufacturing .....  | 3              | 48                              | 5                         | 459                 | 13 218            | 372                 | 768           | 8 227           | 29 221                | 15 996                            | 45 454                             | 2 487                                |
| 339950     | Sign manufacturing .....  | 3              | 48                              | 5                         | 459                 | 13 218            | 372                 | 768           | 8 227           | 29 221                | 15 996                            | 45 454                             | 2 487                                |
| 33999      | All other miscellaneous manufacturing .....                                   | 1              | 58                              | 20                        | 1 216               | 44 056            | 807                 | 1 624         | 23 623          | 86 674                | 58 845                            | 145 315                            | 4 136                                |
| 339991     | Gasket, packing, and sealing device manufacturing .....                       | 1              | 6                               | 3                         | 380                 | 13 948            | 240                 | 464           | 6 988           | 30 429                | 21 546                            | 51 876                             | D                                    |
| 339999     | All other miscellaneous manufacturing .....                                   | 1              | 43                              | 12                        | 664                 | 23 592            | 442                 | 882           | 12 758          | 44 994                | 27 880                            | 72 873                             | 1 525                                |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division</b>               |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | 2              | 12 649                          | 2 925                     | 273 853             | 9 930 710         | 186 174             | 360 502       | 5 263 938       | 33 541 496            | 25 274 867                        | 58 811 057                         | 1 229 751                            |
| 311        | Food manufacturing .....  | 3              | 1 447                           | 242                       | 26 088              | 879 596           | 16 353              | 31 495        | 469 022         | 2 999 196             | 3 129 975                         | 6 120 875                          | 148 424                              |
| 3112       | Grain and oilseed milling .....   | 8              | 10                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>          |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 311        | Food manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3113       | Sugar and confectionery product manufacturing                                 | 8  | 66                              | 11                        | 1 626               | 59 436            | 1 325               | 2 921         | 36 900          | 199 004               | 503 039                           | 703 065                            | 12 400                               |
| 31131      | Sugar manufacturing   | 9  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311312     | Cane sugar refining   | 9  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133      | Confectionery manufacturing from purchased chocolate                          | 2  | 37                              | 4                         | 816                 | 17 931            | 727                 | 1 627         | 13 345          | 50 254                | 25 265                            | 74 258                             | D                                    |
| 311330     | Confectionery manufacturing from purchased chocolate                          | 2  | 37                              | 4                         | 816                 | 17 931            | 727                 | 1 627         | 13 345          | 50 254                | 25 265                            | 74 258                             | D                                    |
| 31134      | Nonchocolate confectionery manufacturing                                      | 3  | 18                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311340     | Nonchocolate confectionery manufacturing                                      | 3  | 18                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing               | 4  | 39                              | 11                        | 862                 | 27 981            | 719                 | 1 459         | 20 341          | 119 038               | 77 142                            | 196 438                            | 3 347                                |
| 31141      | Frozen food manufacturing   | 3  | 19                              | 6                         | 563                 | 18 108            | 484                 | 961           | 13 739          | 72 087                | 50 194                            | 122 278                            | 2 080                                |
| 311412     | Frozen specialty food manufacturing   | 3  | 17                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142      | Fruit and vegetable canning, pickling, and drying                             | 4  | 20                              | 5                         | 299                 | 9 873             | 235                 | 498           | 6 602           | 46 951                | 26 948                            | 74 160                             | 1 267                                |
| 3115       | Dairy product manufacturing   | 2  | 50                              | 10                        | 1 393               | 68 668            | 880                 | 2 052         | 40 667          | 231 613               | 461 354                           | 693 053                            | 12 783                               |
| 31151      | Dairy product (except frozen) manufacturing                                   | 1  | 30                              | 8                         | 1 259               | 64 521            | 761                 | 1 806         | 37 379          | 210 409               | 446 795                           | 657 155                            | 11 838                               |
| 311511     | Fluid milk manufacturing  | 1  | 7                               | 5                         | 977                 | 56 329            | 515                 | 1 306         | 30 741          | 188 163               | 382 328                           | 570 530                            | 9 572                                |
| 311513     | Cheese manufacturing  | 4  | 18                              | 3                         | 262                 | 7 446             | 229                 | 464           | 6 057           | 20 648                | 59 687                            | 80 269                             | 2 149                                |
| 3116       | Animal slaughtering and processing  | 2  | 90                              | 31                        | 2 514               | 90 258            | 1 878               | 4 079         | 52 054          | 253 646               | 465 257                           | 718 700                            | 9 592                                |
| 31161      | Animal slaughtering and processing  | 2  | 90                              | 31                        | 2 514               | 90 258            | 1 878               | 4 079         | 52 054          | 253 646               | 465 257                           | 718 700                            | 9 592                                |
| 311611     | Animal (except poultry) slaughtering  | 4  | 21                              | 4                         | 396                 | 11 044            | 335                 | 689           | 7 375           | 17 451                | 104 350                           | 122 211                            | D                                    |
| 311612     | Meat processed from carcasses   | 2  | 54                              | 21                        | 1 651               | 63 812            | 1 184               | 2 601         | 34 818          | 181 989               | 273 457                           | 454 747                            | 4 771                                |
| 311615     | Poultry processing  | 1  | 15                              | 6                         | 467                 | 15 402            | 359                 | 789           | 9 861           | 54 206                | 87 450                            | 141 742                            | D                                    |
| 3117       | Seafood product preparation and packaging                                     | 1  | 12                              | 3                         | 518                 | 14 836            | 360                 | 543           | 7 005           | 24 085                | 35 772                            | 59 837                             | D                                    |
| 31171      | Seafood product preparation and packaging                                     | 1  | 12                              | 3                         | 518                 | 14 836            | 360                 | 543           | 7 005           | 24 085                | 35 772                            | 59 837                             | D                                    |
| 311711     | Seafood canning   | —  | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing   | 3  | 989                             | 110                       | 12 986              | 388 835           | 6 999               | 12 389        | 194 767         | 1 248 677             | 486 827                           | 1 731 665                          | 46 372                               |
| 31181      | Bread and bakery product manufacturing  | 4  | 928                             | 94                        | 10 739              | 288 258           | 5 321               | 8 976         | 132 803         | 761 170               | 288 337                           | 1 048 761                          | 29 943                               |
| 311811     | Retail bakeries   | 4  | 658                             | 39                        | 3 993               | 67 647            | 2 036               | 2 876         | 33 497          | 135 411               | 75 821                            | 211 100                            | 4 753                                |
| 311812     | Commercial bakeries   | 4  | 254                             | 51                        | 6 532               | 214 762           | 3 116               | 5 804         | 95 368          | 612 295               | 202 875                           | 814 571                            | 24 504                               |
| 31182      | Cookie, cracker, and pasta manufacturing                                      | 2  | 59                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821     | Cookie and cracker manufacturing  | 1  | 26                              | 9                         | 1 506               | 63 340            | 1 172               | 2 357         | 42 142          | 385 579               | 99 021                            | 481 138                            | D                                    |
| 311822     | Flour mixes and dough purchased from  | 8  | 10                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311823     | Dry pasta manufacturing   | 3  | 23                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119       | Other food manufacturing  | 3  | 184                             | 59                        | 5 660               | 208 917           | 3 796               | 7 190         | 104 374         | 727 240               | 785 920                           | 1 506 452                          | 52 520                               |
| 31191      | Snack food manufacturing  | —  | 15                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31192      | Coffee and tea manufacturing  | 3  | 17                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311920     | Coffee and tea manufacturing  | 3  | 17                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31193      | Flavoring syrup and concentrate manufacturing                                 | 6  | 12                              | 6                         | 262                 | 10 301            | 147                 | 288           | 4 312           | 65 870                | 24 815                            | 90 523                             | D                                    |
| 311930     | Flavoring syrup and concentrate manufacturing                                 | 6  | 12                              | 6                         | 262                 | 10 301            | 147                 | 288           | 4 312           | 65 870                | 24 815                            | 90 523                             | D                                    |
| 31194      | Seasoning and dressing manufacturing  | 3  | 29                              | 16                        | 1 462               | 64 249            | 965                 | 1 959         | 32 130          | 256 083               | 310 723                           | 562 360                            | 12 116                               |
| 311941     | Mayonnaise, dressing, and other prepared sauce manufacturing                  | 4  | 12                              | 7                         | 597                 | 24 607            | 409                 | 933           | 14 238          | 148 175               | 152 074                           | 300 128                            | 8 179                                |
| 311942     | Spice and extract manufacturing   | 2  | 17                              | 9                         | 865                 | 39 642            | 556                 | 1 026         | 17 892          | 107 908               | 158 649                           | 262 232                            | 3 937                                |
| 31199      | All other food manufacturing  | 2  | 111                             | 22                        | 2 857               | 91 013            | 1 955               | 3 508         | 46 216          | 217 238               | 251 457                           | 468 231                            | 8 545                                |
| 311991     | Perishable prepared food manufacturing  | 2  | 34                              | 10                        | 1 379               | 39 881            | 953                 | 2 040         | 22 255          | 99 411                | 105 177                           | 204 407                            | D                                    |
| 311999     | All other miscellaneous food manufacturing                                    | 3  | 77                              | 12                        | 1 478               | 51 132            | 1 002               | 1 468         | 23 961          | 117 827               | 146 280                           | 263 824                            | D                                    |

See footnotes at end of table.

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>          |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 312        | Beverage and tobacco product manufacturing .....                              | 4  | 39                              | 13                        | 2 134               | 75 272            | 1 136               | 2 152         | 35 306          | 336 146               | 552 046                           | 889 683                            | 41 195                               |
| 3121       | Beverage manufacturing .....  | 4  | 37                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211      | Soft drink and ice manufacturing .....  | 4  | 28                              | 9                         | 1 764               | 62 778            | 889                 | 1 826         | 30 588          | 202 206               | 499 672                           | 701 136                            | 32 227                               |
| 312111     | Soft drink manufacturing ....   | 4  | 18                              | 8                         | 1 697               | 61 028            | 848                 | 1 750         | 29 609          | 197 010               | 497 798                           | 693 945                            | D                                    |
| 313        | Textile mills .....   | 3  | 486                             | 128                       | 10 455              | 325 721           | 8 172               | 16 239        | 205 002         | 917 548               | 1 218 750                         | 2 138 694                          | 30 646                               |
| 3131       | Fiber, yarn, and thread mills ....  | —  | 27                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 800                                |
| 31311      | Fiber, yarn, and thread mills ...   | —  | 27                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 800                                |
| 313112     | Yarn texturizing, throwing, and twisting mills .....                          | —  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132       | Fabric mills .....  | 3  | 207                             | 39                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 931                                |
| 31321      | Broadwoven fabric mills .....   | 4  | 54                              | 9                         | 700                 | 20 672            | 566                 | 1 078         | 13 466          | 79 162                | 95 728                            | 173 473                            | D                                    |
| 313210     | Broadwoven fabric mills .....   | 4  | 54                              | 9                         | 700                 | 20 672            | 566                 | 1 078         | 13 466          | 79 162                | 95 728                            | 173 473                            | D                                    |
| 31322      | Narrow fabric mills and schiffli machine embroidery .....                     | 2  | 61                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313222     | Schiffli machine embroidery .   | 1  | 46                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31323      | Nonwoven fabric mills .....   | 5  | 15                              | 5                         | 353                 | 12 593            | 264                 | 530           | 7 393           | 38 734                | 41 115                            | 79 106                             | D                                    |
| 313230     | Nonwoven fabric mills .....   | 5  | 15                              | 5                         | 353                 | 12 593            | 264                 | 530           | 7 393           | 38 734                | 41 115                            | 79 106                             | D                                    |
| 31324      | Knit fabric mills .....   | 3  | 77                              | 21                        | 1 469               | 39 900            | 1 207               | 2 380         | 26 527          | 107 018               | 104 927                           | 217 446                            | 4 691                                |
| 313241     | Weft knit fabric mills .....  | 1  | 36                              | 7                         | 669                 | 17 692            | 560                 | 1 061         | 12 586          | 45 630                | 58 072                            | 108 479                            | D                                    |
| 313249     | Other knit fabric and lace mills .....  | 5  | 41                              | 14                        | 800                 | 22 208            | 647                 | 1 319         | 13 941          | 61 388                | 46 855                            | 108 967                            | D                                    |
| 3133       | Textile and fabric finishing and fabric coating mills .....                   | 4  | 252                             | 81                        | 6 571               | 212 454           | 5 112               | 10 187        | 133 787         | 598 042               | 803 952                           | 1 408 197                          | 16 915                               |
| 31331      | Textile and fabric finishing mills .....                                      | 4  | 236                             | 72                        | 5 901               | 182 948           | 4 617               | 9 171         | 116 457         | 524 387               | 706 066                           | 1 236 802                          | D                                    |
| 313311     | Broadwoven fabric finishing mills .....                                       | 4  | 170                             | 52                        | 4 312               | 135 135           | 3 312               | 6 606         | 83 634          | 402 245               | 580 557                           | 989 999                            | D                                    |
| 313312     | Textile and fabric finishing (except broadwoven fabric) mills .....           | 6  | 66                              | 20                        | 1 589               | 47 813            | 1 305               | 2 565         | 32 823          | 122 142               | 125 509                           | 246 803                            | D                                    |
| 31332      | Fabric coating mills .....  | —  | 16                              | 9                         | 670                 | 29 506            | 495                 | 1 016         | 17 330          | 73 655                | 97 886                            | 171 395                            | D                                    |
| 313320     | Fabric coating mills .....  | —  | 16                              | 9                         | 670                 | 29 506            | 495                 | 1 016         | 17 330          | 73 655                | 97 886                            | 171 395                            | D                                    |
| 314        | Textile product mills .....   | 3  | 325                             | 69                        | 6 132               | 178 208           | 4 231               | 8 307         | 89 191          | 508 201               | 568 911                           | 1 078 328                          | 12 480                               |
| 3141       | Textile furnishings mills .....   | 2  | 148                             | 38                        | 3 447               | 105 141           | 2 312               | 4 683         | 47 740          | 355 587               | 417 788                           | 773 939                            | D                                    |
| 31412      | Curtain and linen mills .....   | 2  | 140                             | 35                        | 3 203               | 95 027            | 2 160               | 4 337         | 42 317          | 338 951               | 397 817                           | 737 407                            | D                                    |
| 314121     | Curtain and drapery mills ....  | 3  | 81                              | 17                        | 1 992               | 54 395            | 1 266               | 2 531         | 23 346          | 116 820               | 107 509                           | 223 483                            | 6 068                                |
| 314129     | Other household textile product mills .....                                   | 1  | 59                              | 18                        | 1 211               | 40 632            | 894                 | 1 806         | 18 971          | 222 131               | 290 308                           | 513 924                            | D                                    |
| 3149       | Other textile product mills .....   | 4  | 177                             | 31                        | 2 685               | 73 067            | 1 919               | 3 624         | 41 451          | 152 614               | 151 123                           | 304 389                            | D                                    |
| 31491      | Textile bag and canvas mills ...  | 1  | 52                              | 8                         | 641                 | 17 860            | 521                 | 1 053         | 12 181          | 40 437                | 38 805                            | 79 396                             | D                                    |
| 314912     | Canvas and related product mills .....  | 1  | 38                              | 5                         | 473                 | 12 751            | 393                 | 803           | 9 978           | 34 679                | 22 843                            | 57 457                             | D                                    |
| 31499      | All other textile product mills ...   | 5  | 125                             | 23                        | 2 044               | 55 207            | 1 398               | 2 571         | 29 270          | 112 177               | 112 318                           | 224 993                            | D                                    |
| 314999     | All other miscellaneous textile product mills .....                           | 5  | 124                             | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315        | Apparel manufacturing .....   | 4  | '2 517                          | '510                      | '43 913             | '1 021 822        | '32 586             | '57 215       | '560 122        | '2 689 961            | '3 213 737                        | '5 908 405                         | '47 594                              |
| 3151       | Apparel knitting mills .....  | 4  | 155                             | 42                        | 2 585               | 61 288            | 2 080               | 3 908         | 41 537          | 126 502               | 231 683                           | 361 189                            | 3 590                                |
| 31519      | Other apparel knitting mills ....   | 4  | 143                             | 41                        | 2 509               | 59 589            | 2 011               | 3 777         | 40 105          | 122 742               | 228 758                           | 354 512                            | D                                    |
| 315191     | Outerwear knitting mills .....  | 4  | 139                             | 41                        | 2 484               | 59 024            | 1 988               | 3 723         | 39 617          | 121 035               | 226 842                           | 350 889                            | 3 477                                |
| 3152       | Cut and sew apparel manufacturing .....                                       | 4  | '2 133                          | '419                      | '36 929             | '857 929          | '27 099             | '46 928       | '456 981        | '2 325 358            | '2 782 443                        | '5 112 699                         | '41 436                              |
| 31521      | Cut and sew apparel contractors .....   | 6  | 1 405                           | 219                       | 16 660              | 253 858           | 14 962              | 24 957        | 201 375         | 457 300               | 129 853                           | 592 155                            | D                                    |
| 315211     | Men's and boys' cut and sew apparel contractors .....                         | 6  | 115                             | 20                        | 1 403               | 20 658            | 1 209               | 1 918         | 16 261          | 45 455                | 3 637                             | 48 973                             | D                                    |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....           | 6  | 1 290                           | 199                       | 15 257              | 233 200           | 13 753              | 23 039        | 185 114         | 411 845               | 126 216                           | 543 182                            | D                                    |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                       | 3  | 92                              | 29                        | 1 829               | 46 441            | 1 323               | 2 506         | 27 023          | 123 633               | 115 466                           | 250 371                            | D                                    |
| 315222     | Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....      | 4  | 47                              | 14                        | 946                 | 26 597            | 744                 | 1 447         | 17 350          | 61 117                | 36 217                            | 99 333                             | D                                    |
| 315224     | Men's and boys' cut and sew trouser, slack, and jean manufacturing .....      | 1  | 6                               | 6                         | 290                 | 7 226             | 150                 | 239           | 2 305           | 30 619                | 35 843                            | 74 427                             | D                                    |
| 315228     | Men's and boys' cut and sew other outerwear manufacturing .....               | 3  | 20                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>             |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>                      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315        | Apparel manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3152       | Cut and sew apparel manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                                | 4              | '499                            | '156                      | '16 398             | '505 593          | '9 637              | '17 240       | '206 317        | '1 606 773            | '2 405 155                        | '3 997 572                         | D                                    |
| 315231     | Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....    | 2              | 30                              | 10                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315232     | Women's and girls' cut and sew blouse and shirt manufacturing .....                       | 6              | 66                              | 20                        | 1 877               | 66 957            | 971                 | 1 697         | 24 515          | 312 563               | 433 117                           | 734 067                            | D                                    |
| 315233     | Women's and girls' cut and sew dress manufacturing .....                                  | '4             | '185                            | '65                       | '5 913              | '195 215          | '3 110              | '5 666        | '73 889         | '567 272              | '991 785                          | '1 556 135                         | D                                    |
| 315234     | Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing ..... | 3              | 61                              | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239     | Women's and girls' cut and sew other outerwear manufacturing .....                        | 4              | 157                             | 38                        | 4 022               | 98 348            | 3 235               | 5 743         | 56 920          | 298 197               | 444 715                           | 740 581                            | D                                    |
| 31529      | Other cut and sew apparel manufacturing .....   | 3              | 137                             | 15                        | 2 042               | 52 037            | 1 177               | 2 225         | 22 266          | 137 652               | 131 969                           | 272 601                            | D                                    |
| 315292     | Fur and leather apparel manufacturing .....   | 5              | 76                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315299     | All other cut and sew apparel manufacturing .....   | 1              | 56                              | 7                         | 1 310               | 36 546            | 610                 | 1 207         | 12 074          | 96 134                | 77 674                            | 175 338                            | D                                    |
| 3159       | Apparel accessories and other apparel manufacturing .....                                 | 4              | 229                             | 49                        | 4 399               | 102 605           | 3 407               | 6 379         | 61 604          | 238 101               | 199 611                           | 434 517                            | 2 568                                |
| 31599      | Apparel accessories and other apparel manufacturing .....                                 | 4              | 229                             | 49                        | 4 399               | 102 605           | 3 407               | 6 379         | 61 604          | 238 101               | 199 611                           | 434 517                            | 2 568                                |
| 315991     | Hat, cap, and millinery manufacturing .....   | 6              | 53                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315993     | Men's and boys' neckwear manufacturing .....  | 1              | 34                              | 13                        | 1 127               | 29 354            | 851                 | 1 613         | 16 090          | 100 390               | 78 876                            | 179 332                            | D                                    |
| 315999     | Other apparel accessories and other apparel manufacturing .....                           | 5              | 139                             | 23                        | 2 491               | 56 728            | 1 912               | 3 582         | 34 950          | 99 244                | 103 300                           | 200 955                            | D                                    |
| 316        | Leather and allied product manufacturing .....  | 2              | 125                             | 26                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3162       | Footwear manufacturing .....  | 1              | 18                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31621      | Footwear manufacturing .....  | 1              | 18                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316212     | House slipper manufacturing .....   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3169       | Other leather and allied product manufacturing .....                                      | 3              | 86                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 336                                  |
| 31699      | Other leather and allied product manufacturing .....                                      | 3              | 86                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 336                                  |
| 316991     | Luggage manufacturing .....   | 1              | 21                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316993     | Personal leather goods (except women's handbag and purse) manufacturing ..                | 5              | 18                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....  | 3              | 136                             | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....  | 4              | 123                             | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork .....  | 5              | 79                              | 15                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321911     | Wood window and door manufacturing .....  | 3              | 25                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321918     | Other millwork (including flooring) .....   | 6              | 47                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing .....  | 2              | 32                              | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | 1              | 169                             | 88                        | 9 565               | 394 884           | 7 287               | 15 058        | 250 946         | 869 579               | 900 325                           | 1 772 355                          | 51 512                               |
| 3221       | Pulp, paper, and paperboard mills .....   | —              | 6                               | 4                         | 1 094               | 63 755            | 912                 | 2 174         | 50 666          | 207 701               | 263 402                           | 474 503                            | 21 004                               |
| 32212      | Paper mills .....   | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills .....  | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32213      | Paperboard mills .....  | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322130     | Paperboard mills .....  | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>          |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322        | Paper manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3222       | Converted paper product manufacturing .....                                   | 2              | 163                             | 84                        | 8 471               | 331 129           | 6 375               | 12 884        | 200 280         | 661 878               | 636 923                           | 1 297 852                          | 30 508                               |
| 32221      | Paperboard container manufacturing .....                                      | 2              | 66                              | 37                        | 3 771               | 159 347           | 2 783               | 5 594         | 93 506          | 341 515               | 312 773                           | 653 710                            | 10 434                               |
| 322211     | Corrugated and solid fiber box manufacturing .....                            | 2              | 33                              | 16                        | 1 656               | 72 558            | 1 207               | 2 500         | 40 471          | 162 965               | 165 786                           | 330 161                            | 4 813                                |
| 322212     | Folding paperboard box manufacturing .....                                    | 1              | 20                              | 11                        | 1 209               | 60 549            | 902                 | 1 989         | 36 494          | 131 443               | 101 188                           | 230 193                            | 4 374                                |
| 322213     | Setup paperboard box manufacturing .....                                      | 3              | 7                               | 5                         | 721                 | 19 545            | 526                 | 818           | 11 710          | 30 687                | 27 372                            | 58 234                             | D                                    |
| 32222      | Paper bag and coated and treated paper manufacturing ..                       | 2              | 40                              | 16                        | 1 475               | 65 642            | 1 017               | 2 214         | 36 601          | 133 685               | 117 176                           | 253 375                            | 10 745                               |
| 322222     | Coated and laminated paper manufacturing .....                                | 1              | 25                              | 11                        | 940                 | 44 736            | 581                 | 1 221         | 21 781          | 93 929                | 72 441                            | 168 879                            | 9 339                                |
| 322224     | Uncoated paper and multiwall bag manufacturing .....                          | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223      | Stationery product manufacturing .....  | 1              | 37                              | 22                        | 2 281               | 81 127            | 1 803               | 3 706         | 53 708          | 142 583               | 151 022                           | 290 148                            | 5 801                                |
| 322231     | Die-cut paper and paperboard office supplies manufacturing .....              | 5              | 17                              | 9                         | 857                 | 24 346            | 697                 | 1 404         | 17 228          | 40 779                | 41 567                            | 79 538                             | D                                    |
| 322232     | Envelope manufacturing .....  | —              | 14                              | 11                        | 1 233               | 50 893            | 945                 | 2 006         | 32 434          | 93 042                | 101 129                           | 193 516                            | D                                    |
| 32229      | Other converted paper product manufacturing .....                             | 3              | 20                              | 9                         | 944                 | 25 013            | 772                 | 1 370         | 16 465          | 44 095                | 55 952                            | 100 619                            | 3 528                                |
| 322299     | All other converted paper product manufacturing .....                         | 4              | 19                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....                                 | 3              | 1 647                           | '307                      | '26 115             | 1 112 455         | '18 481             | 35 971        | 676 768         | '2 488 393            | '1 391 656                        | 3 882 665                          | 108 154                              |
| 3231       | Printing and related support activities .....                                 | 3              | 1 647                           | '307                      | '26 115             | 1 112 455         | '18 481             | 35 971        | 676 768         | '2 488 393            | '1 391 656                        | 3 882 665                          | 108 154                              |
| 32311      | Printing .....  | 4              | '1 391                          | '247                      | '21 434             | '913 312          | '15 162             | '29 400       | '560 424        | '2 089 334            | '1 275 336                        | '3 367 674                         | 93 370                               |
| 323110     | Commercial lithographic printing .....  | 4              | 676                             | 126                       | 12 278              | 590 252           | 8 731               | 17 155        | 370 346         | 1 363 723             | 830 518                           | 2 194 974                          | 62 206                               |
| 323111     | Commercial gravure printing ..  | —              | 22                              | 6                         | 375                 | 19 652            | 205                 | 449           | 8 134           | 43 231                | 64 124                            | 108 335                            | 775                                  |
| 323112     | Commercial flexographic printing .....  | 4              | 27                              | 8                         | 371                 | 14 025            | 254                 | 499           | 7 777           | 27 269                | 20 362                            | 48 180                             | 2 229                                |
| 323113     | Commercial screen printing ..   | 2              | 136                             | 20                        | 2 050               | 53 754            | 1 627               | 2 985         | 34 516          | 141 506               | 93 060                            | 235 226                            | 4 427                                |
| 323114     | Quick printing .....  | 3              | '261                            | '21                       | '1 673              | '56 415           | '1 099              | '2 072        | '33 506         | '125 954              | '72 648                           | '198 876                           | 4 979                                |
| 323115     | Digital printing .....  | 2              | 63                              | 23                        | 1 353               | 56 797            | 933                 | 1 705         | 35 441          | 131 643               | 42 406                            | 173 057                            | 6 452                                |
| 323116     | Manifold business forms printing .....  | 6              | 20                              | 9                         | 432                 | 17 321            | 273                 | 501           | 9 244           | 46 215                | 27 574                            | 73 817                             | 1 314                                |
| 323117     | Books printing .....  | 4              | 32                              | 7                         | 682                 | 27 676            | 533                 | 1 109         | 18 241          | 51 565                | 41 045                            | 94 248                             | 1 094                                |
| 323118     | Blankbook, looseleaf binders, and devices manufacturing ..                    | —              | 14                              | 8                         | 876                 | 28 634            | 617                 | 1 251         | 15 469          | 57 227                | 21 787                            | 78 195                             | 2 647                                |
| 323119     | Other commercial printing ..  | 5              | 140                             | 19                        | 1 344               | 48 786            | 890                 | 1 674         | 27 750          | 101 001               | 61 812                            | 162 766                            | 7 247                                |
| 32312      | Support activities for printing...  | 2              | '256                            | 60                        | '4 681              | '199 143          | '3 319              | '6 571        | '116 344        | '399 059              | '116 320                          | '514 991                           | 14 784                               |
| 323121     | Tradebinding and related work .....   | 3              | 80                              | 29                        | 2 014               | 56 612            | 1 718               | 3 535         | 40 521          | 95 587                | 25 674                            | 120 607                            | 2 457                                |
| 323122     | Prepress services .....   | 2              | '176                            | 31                        | '2 667              | '142 531          | '1 601              | '3 036        | '75 823         | '303 472              | '90 646                           | '394 384                           | 12 327                               |
| 324        | Petroleum and coal products manufacturing .....                               | 1              | 29                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241       | Petroleum and coal products manufacturing .....                               | 1              | 29                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32412      | Asphalt paving, roofing, and saturated materials manufacturing .....          | 1              | 20                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324121     | Asphalt paving mixture and block manufacturing .....                          | 1              | 16                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324122     | Asphalt shingle and coating materials manufacturing ..                        | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....  | 1              | 388                             | 159                       | 20 608              | 976 431           | 12 066              | 25 200        | 442 230         | 9 800 373             | 4 160 134                         | 13 706 412                         | 245 923                              |
| 3251       | Basic chemical manufacturing ...  | 4              | 47                              | 24                        | 2 460               | 125 753           | 1 466               | 2 951         | 62 701          | 510 742               | 447 476                           | 964 824                            | 26 060                               |
| 32513      | Synthetic dye and pigment manufacturing .....                                 | 2              | 14                              | 8                         | 819                 | 38 048            | 556                 | 1 109         | 22 738          | 197 040               | 102 585                           | 298 768                            | D                                    |
| 325131     | Inorganic dye and pigment manufacturing .....                                 | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325132     | Synthetic organic dye and pigment manufacturing .....                         | 4              | 10                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....                              | 5              | 26                              | 14                        | 1 437               | 75 891            | 839                 | 1 716         | 35 848          | 273 015               | 305 489                           | 585 493                            | D                                    |
| 325199     | All other basic organic chemical manufacturing .....                          | 5              | 20                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>      |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>            |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325        | Chemical manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3253       | Pesticide, fertilizer, and other agricultural chemical manufacturing .....      | 2  | 12                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32532      | Pesticide and other agricultural chemical manufacturing .....                   | 1  | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325320     | Pesticide and other agricultural chemical manufacturing .....                   | 1  | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254       | Pharmaceutical and medicine manufacturing .....                                 | —  | 58                              | 25                        | 7 417               | 409 480           | 4 176               | 9 845         | 182 059         | 7 622 596             | 2 576 164                         | 9 942 503                          | 140 466                              |
| 32541      | Pharmaceutical and medicine manufacturing .....                                 | —  | 58                              | 25                        | 7 417               | 409 480           | 4 176               | 9 845         | 182 059         | 7 622 596             | 2 576 164                         | 9 942 503                          | 140 466                              |
| 325411     | Medicinal and botanical manufacturing .....                                     | 2  | 12                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412     | Pharmaceutical preparation manufacturing .....                                  | —  | 45                              | 19                        | 6 863               | 378 617           | 3 877               | 9 208         | 167 044         | 7 491 255             | 2 522 615                         | 9 764 949                          | D                                    |
| 3255       | Paint, coating, and adhesive manufacturing .....                                | 3  | 72                              | 25                        | 2 086               | 93 597            | 1 212               | 2 499         | 40 871          | 341 368               | 261 574                           | 599 191                            | D                                    |
| 32551      | Paint and coating manufacturing .....   | 4  | 48                              | 14                        | 1 194               | 50 752            | 684                 | 1 421         | 22 630          | 183 743               | 128 355                           | 311 219                            | D                                    |
| 325510     | Paint and coating manufacturing .....   | 4  | 48                              | 14                        | 1 194               | 50 752            | 684                 | 1 421         | 22 630          | 183 743               | 128 355                           | 311 219                            | D                                    |
| 32552      | Adhesive manufacturing .....  | 3  | 24                              | 11                        | 892                 | 42 845            | 528                 | 1 078         | 18 241          | 157 625               | 133 219                           | 287 972                            | 3 688                                |
| 325520     | Adhesive manufacturing .....  | 3  | 24                              | 11                        | 892                 | 42 845            | 528                 | 1 078         | 18 241          | 157 625               | 133 219                           | 287 972                            | 3 688                                |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing .                 | 4  | 131                             | 52                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 55 372                               |
| 32561      | Soap and cleaning compound manufacturing .....                                  | 5  | 64                              | 22                        | 1 887               | 88 327            | 1 032               | 2 184         | 42 031          | 374 934               | 277 626                           | 652 924                            | 21 363                               |
| 325611     | Soap and other detergent manufacturing .....                                    | 6  | 31                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325612     | Polish and other sanitation good manufacturing .....                            | 4  | 23                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 929                                  |
| 325613     | Surface active agent manufacturing .....  | 2  | 10                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32562      | Toilet preparation manufacturing .....  | 3  | 67                              | 30                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 34 009                               |
| 325620     | Toilet preparation manufacturing .....  | 3  | 67                              | 30                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 34 009                               |
| 3259       | Other chemical product and preparation manufacturing .....                      | 1  | 62                              | 23                        | 1 730               | 83 856            | 822                 | 1 758         | 35 036          | 289 466               | 263 841                           | 549 587                            | 13 564                               |
| 32591      | Printing ink manufacturing .....  | 2  | 22                              | 9                         | 839                 | 43 886            | 349                 | 788           | 18 582          | 105 939               | 101 526                           | 205 936                            | 4 173                                |
| 325910     | Printing ink manufacturing .....  | 2  | 22                              | 9                         | 839                 | 43 886            | 349                 | 788           | 18 582          | 105 939               | 101 526                           | 205 936                            | 4 173                                |
| 32599      | All other chemical product and preparation manufacturing .....                  | 1  | 40                              | 14                        | 891                 | 39 970            | 473                 | 970           | 16 454          | 183 527               | 162 315                           | 343 651                            | 9 391                                |
| 325998     | All other miscellaneous chemical product and preparation manufacturing .        | 1  | 21                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 219                                |
| 326        | Plastics and rubber products manufacturing .....                                | 2  | 351                             | 157                       | 13 041              | 424 091           | 10 087              | 20 633        | 264 035         | 1 188 765             | 1 034 517                         | 2 234 603                          | 73 383                               |
| 3261       | Plastics product manufacturing ..   | 2  | 311                             | 146                       | 12 012              | 390 845           | 9 230               | 18 978        | 240 173         | 1 097 052             | 952 051                           | 2 063 325                          | 68 202                               |
| 32611      | Plastics packaging materials and unlaminated film and sheet manufacturing ..... | 1  | 98                              | 53                        | 3 697               | 128 989           | 2 724               | 5 561         | 80 156          | 376 395               | 392 672                           | 769 091                            | 21 712                               |
| 326111     | Plastics bag manufacturing ..   | 1  | 44                              | 21                        | 1 726               | 58 171            | 1 364               | 2 737         | 37 710          | 173 763               | 169 891                           | 345 042                            | 15 830                               |
| 326112     | Plastics packaging film and sheet (including laminated) manufacturing .....     | 1  | 16                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 626                                |
| 326113     | Unlaminated plastics film and sheet (except packaging) manufacturing .....      | 1  | 38                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 256                                |
| 32612      | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....  | 2  | 16                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 842                                  |
| 326121     | Unlaminated plastics profile shape manufacturing .....                          | 3  | 13                              | 5                         | 265                 | 9 403             | 191                 | 426           | 5 992           | 18 390                | 11 999                            | 30 302                             | D                                    |
| 32614      | Polystyrene foam product manufacturing .....                                    | 2  | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 537                                  |
| 326140     | Polystyrene foam product manufacturing .....                                    | 2  | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 537                                  |
| 32616      | Plastics bottle manufacturing ..  | 7  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326160     | Plastics bottle manufacturing .....   | 7  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>           |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326        | Plastics and rubber products manufacturing—Con.                                      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3261       | Plastics product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32619      | Other plastics product manufacturing .....   | 2              | 174                             | 77                        | 7 127               | 223 769           | 5 580               | 11 536        | 135 858         | 625 272               | 456 699                           | 1 092 712                          | 41 684                               |
| 326199     | All other plastics product manufacturing .....                                       | 2              | 166                             | 74                        | 7 012               | 219 890           | 5 502               | 11 376        | 133 832         | 608 529               | 448 934                           | 1 068 319                          | 41 384                               |
| 3262       | Rubber product manufacturing ...   | 2              | 40                              | 11                        | 1 029               | 33 246            | 857                 | 1 655         | 23 862          | 91 713                | 82 466                            | 171 278                            | 5 181                                |
| 32622      | Rubber and plastics hoses and belting manufacturing .....                            | 1              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326220     | Rubber and plastics hoses and belting manufacturing ..                               | 1              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629      | Other rubber product manufacturing .....   | 1              | 23                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299     | All other rubber product manufacturing .....   | —              | 18                              | 7                         | 454                 | 16 161            | 345                 | 734           | 9 956           | 37 115                | 24 805                            | 61 816                             | 1 577                                |
| 327        | Nonmetallic mineral product manufacturing .....                                      | 2              | 237                             | 68                        | 3 991               | 160 688           | 3 027               | 5 956         | 111 194         | 367 925               | 361 302                           | 724 285                            | 49 442                               |
| 3272       | Glass and glass product manufacturing .....  | 4              | 61                              | 16                        | 980                 | 31 283            | 706                 | 1 196         | 18 830          | 63 107                | 39 141                            | 102 006                            | D                                    |
| 32721      | Glass and glass product manufacturing .....  | 4              | 61                              | 16                        | 980                 | 31 283            | 706                 | 1 196         | 18 830          | 63 107                | 39 141                            | 102 006                            | D                                    |
| 327215     | Glass product manufacturing made of purchased glass ..                               | 3              | 50                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273       | Cement and concrete product manufacturing .....                                      | 2              | 79                              | 34                        | 1 647               | 73 421            | 1 288               | 2 610         | 55 164          | 208 567               | 205 949                           | 409 874                            | 19 740                               |
| 32732      | Ready-mix concrete manufacturing .....   | 1              | 50                              | 26                        | 1 136               | 54 758            | 893                 | 1 745         | 43 133          | 147 643               | 171 704                           | 319 186                            | 10 114                               |
| 327320     | Ready-mix concrete manufacturing .....   | 1              | 50                              | 26                        | 1 136               | 54 758            | 893                 | 1 745         | 43 133          | 147 643               | 171 704                           | 319 186                            | 10 114                               |
| 32739      | Other concrete product manufacturing .....   | 5              | 20                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327390     | Other concrete product manufacturing .....   | 5              | 20                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3274       | Lime and gypsum product manufacturing .....  | —              | 6                               | 3                         | 312                 | 16 817            | 241                 | 545           | 11 847          | 16 584                | 66 158                            | 82 531                             | D                                    |
| 32742      | Gypsum product manufacturing .....   | —              | 6                               | 3                         | 312                 | 16 817            | 241                 | 545           | 11 847          | 16 584                | 66 158                            | 82 531                             | D                                    |
| 327420     | Gypsum product manufacturing .....   | —              | 6                               | 3                         | 312                 | 16 817            | 241                 | 545           | 11 847          | 16 584                | 66 158                            | 82 531                             | D                                    |
| 3279       | Other nonmetallic mineral product manufacturing .....                                | 3              | 71                              | 15                        | 985                 | 37 393            | 737                 | 1 507         | 24 203          | 75 497                | 47 921                            | 123 644                            | D                                    |
| 32791      | Abrasive product manufacturing .....   | 1              | 10                              | 5                         | 351                 | 13 760            | 250                 | 506           | 7 535           | 24 667                | 15 746                            | 40 955                             | D                                    |
| 327910     | Abrasive product manufacturing .....   | 1              | 10                              | 5                         | 351                 | 13 760            | 250                 | 506           | 7 535           | 24 667                | 15 746                            | 40 955                             | D                                    |
| 32799      | All other nonmetallic mineral product manufacturing .....                            | 4              | 61                              | 10                        | 634                 | 23 633            | 487                 | 1 001         | 16 668          | 50 830                | 32 175                            | 82 689                             | D                                    |
| 327991     | Cut stone and stone product manufacturing .....                                      | 5              | 47                              | 9                         | 497                 | 18 980            | 386                 | 783           | 13 796          | 38 185                | 18 462                            | 56 409                             | D                                    |
| 331        | Primary metal manufacturing .....  | 1              | 101                             | 40                        | 2 847               | 112 928           | 1 975               | 4 051         | 67 031          | 263 888               | 252 349                           | 518 079                            | 12 455                               |
| 3312       | Steel product manufacturing from purchased steel .....                               | 1              | 13                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122      | Rolling and drawing of purchased steel .....   | 2              | 11                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331222     | Steel wire drawing .....   | 1              | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                   | 2              | 48                              | 16                        | 1 140               | 53 305            | 680                 | 1 323         | 28 651          | 128 271               | 141 419                           | 268 861                            | 6 338                                |
| 33141      | Nonferrous metal (except aluminum) smelting and refining .....                       | —              | 15                              | 3                         | 467                 | 22 577            | 212                 | 399           | 10 942          | 44 164                | 50 090                            | 95 761                             | 1 181                                |
| 331419     | Primary smelting and refining of nonferrous metal (except copper and aluminum) ..... | —              | 15                              | 3                         | 467                 | 22 577            | 212                 | 399           | 10 942          | 44 164                | 50 090                            | 95 761                             | 1 181                                |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
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|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>                          |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331        | Primary metal manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3314       | Nonferrous metal (except aluminum) production and processing—Con.                             |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying ..... | 1              | 27                              | 9                         | 478                 | 22 512            | 315                 | 624           | 12 276          | 69 453                | 61 981                            | 129 860                            | D                                    |
| 331491     | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....           | —              | 17                              | 5                         | 280                 | 13 057            | 211                 | 428           | 8 712           | 34 084                | 42 387                            | 76 133                             | 882                                  |
| 3315       | Foundries .....   | 1              | 36                              | 19                        | 1 263               | 43 623            | 1 009               | 2 105         | 29 005          | 99 877                | 70 697                            | 174 226                            | D                                    |
| 33152      | Nonferrous metal foundries ....   | 1              | 32                              | 17                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331522     | Nonferrous (except aluminum) die-casting foundries .....                                      | 1              | 9                               | 6                         | 531                 | 18 587            | 432                 | 877           | 12 790          | 56 583                | 34 183                            | 93 382                             | D                                    |
| 332        | Fabricated metal product manufacturing .....  | 3              | 1 065                           | 250                       | 20 075              | 716 944           | 14 461              | 29 082        | 425 669         | 1 620 208             | 1 089 803                         | 2 700 027                          | 69 572                               |
| 3321       | Forging and stamping .....  | 5              | 67                              | 23                        | 1 727               | 69 429            | 1 331               | 2 695         | 44 433          | 154 890               | 147 993                           | 303 156                            | 13 077                               |
| 33211      | Forging and stamping .....  | 5              | 67                              | 23                        | 1 727               | 69 429            | 1 331               | 2 695         | 44 433          | 154 890               | 147 993                           | 303 156                            | 13 077                               |
| 332116     | Metal stamping .....  | 3              | 52                              | 15                        | 1 125               | 42 866            | 867                 | 1 732         | 27 810          | 82 696                | 65 870                            | 146 724                            | 3 330                                |
| 3322       | Cutlery and handtool manufacturing .....  | 1              | 42                              | 17                        | 1 631               | 45 271            | 1 360               | 2 680         | 33 649          | 144 837               | 65 187                            | 208 932                            | 5 867                                |
| 33221      | Cutlery and handtool manufacturing .....  | 1              | 42                              | 17                        | 1 631               | 45 271            | 1 360               | 2 680         | 33 649          | 144 837               | 65 187                            | 208 932                            | 5 867                                |
| 332212     | Hand and edge tool manufacturing .....  | 1              | 33                              | 11                        | 1 228               | 34 384            | 1 010               | 1 994         | 25 334          | 118 459               | 48 495                            | 166 085                            | 3 829                                |
| 3323       | Architectural and structural metals manufacturing .....                                       | 3              | 366                             | 92                        | 7 253               | 254 011           | 4 995               | 10 222        | 152 418         | 563 911               | 391 036                           | 953 097                            | 20 031                               |
| 33231      | Plate work and fabricated structural product manufacturing .....                              | 4              | 72                              | 13                        | 741                 | 30 916            | 474                 | 1 004         | 16 667          | 98 067                | 62 984                            | 161 211                            | 2 865                                |
| 332312     | Fabricated structural metal manufacturing .....   | 4              | 60                              | 10                        | 576                 | 24 969            | 354                 | 748           | 12 908          | 83 783                | 50 948                            | 134 694                            | 2 488                                |
| 33232      | Ornamental and architectural metal products manufacturing .....                               | 3              | 294                             | 79                        | 6 512               | 223 095           | 4 521               | 9 218         | 135 751         | 465 844               | 328 052                           | 791 886                            | 17 166                               |
| 332321     | Metal window and door manufacturing .....   | 2              | 72                              | 27                        | 2 569               | 82 414            | 1 698               | 3 547         | 48 238          | 170 416               | 132 189                           | 302 147                            | 4 442                                |
| 332322     | Sheet metal work manufacturing .....  | 3              | 101                             | 32                        | 2 319               | 78 613            | 1 772               | 3 510         | 52 519          | 175 645               | 107 554                           | 282 127                            | 9 848                                |
| 332323     | Ornamental and architectural metal work manufacturing ..                                      | 4              | 121                             | 20                        | 1 624               | 62 068            | 1 051               | 2 161         | 34 994          | 119 783               | 88 309                            | 207 612                            | 2 876                                |
| 3324       | Boiler, tank, and shipping container manufacturing .....                                      | 5              | 21                              | 8                         | 559                 | 25 012            | 385                 | 802           | 13 369          | 59 763                | 39 317                            | 98 864                             | 3 191                                |
| 33241      | Power boiler and heat exchanger manufacturing ....  | 5              | 9                               | 6                         | 438                 | 19 908            | 303                 | 638           | 10 902          | 48 501                | 32 994                            | 81 413                             | 1 161                                |
| 332410     | Power boiler and heat exchanger manufacturing ..  | 5              | 9                               | 6                         | 438                 | 19 908            | 303                 | 638           | 10 902          | 48 501                | 32 994                            | 81 413                             | 1 161                                |
| 3325       | Hardware manufacturing .....  | 3              | 17                              | 8                         | 545                 | 18 440            | 419                 | 874           | 11 099          | 46 438                | 29 445                            | 75 138                             | 708                                  |
| 33251      | Hardware manufacturing .....  | 3              | 17                              | 8                         | 545                 | 18 440            | 419                 | 874           | 11 099          | 46 438                | 29 445                            | 75 138                             | 708                                  |
| 332510     | Hardware manufacturing .....  | 3              | 17                              | 8                         | 545                 | 18 440            | 419                 | 874           | 11 099          | 46 438                | 29 445                            | 75 138                             | 708                                  |
| 3326       | Spring and wire product manufacturing .....   | 3              | 50                              | 10                        | 1 067               | 33 158            | 677                 | 1 357         | 16 712          | 61 892                | 39 323                            | 106 334                            | 3 380                                |
| 33261      | Spring and wire product manufacturing .....   | 3              | 50                              | 10                        | 1 067               | 33 158            | 677                 | 1 357         | 16 712          | 61 892                | 39 323                            | 106 334                            | 3 380                                |
| 332618     | Other fabricated wire product manufacturing .....   | 3              | 44                              | 9                         | 889                 | 27 729            | 606                 | 1 227         | 14 956          | 56 222                | 36 122                            | 92 284                             | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                   | 3              | 271                             | 32                        | 2 669               | 116 998           | 1 914               | 3 816         | 66 297          | 216 737               | 133 774                           | 351 275                            | 11 625                               |
| 33271      | Machine shops .....   | 4              | 232                             | 20                        | 1 785               | 80 168            | 1 232               | 2 326         | 42 362          | 133 376               | 106 723                           | 240 510                            | 6 082                                |
| 332710     | Machine shops .....   | 4              | 232                             | 20                        | 1 785               | 80 168            | 1 232               | 2 326         | 42 362          | 133 376               | 106 723                           | 240 510                            | 6 082                                |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                   | 2              | 39                              | 12                        | 884                 | 36 830            | 682                 | 1 490         | 23 935          | 83 361                | 27 051                            | 110 765                            | 5 543                                |
| 332721     | Precision turned product manufacturing .....  | 2              | 27                              | 10                        | 736                 | 31 188            | 575                 | 1 272         | 20 814          | 63 848                | 16 798                            | 80 901                             | 5 193                                |

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|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3328       | Coating, engraving, heat treating, and allied activities .....  | 2              | 108                             | 27                        | 1 527               | 50 570            | 1 179               | 2 211         | 32 507          | 100 143               | 31 618                            | 130 002                            | 4 350                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..   | 2              | 108                             | 27                        | 1 527               | 50 570            | 1 179               | 2 211         | 32 507          | 100 143               | 31 618                            | 130 002                            | 4 350                                |
| 332811     | Metal heat treating .....   | 2              | 10                              | 5                         | 295                 | 13 667            | 187                 | 399           | 7 830           | 30 683                | 7 214                             | 37 627                             | 755                                  |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..                         | 2              | 31                              | 10                        | 418                 | 12 635            | 351                 | 597           | 8 769           | 25 833                | 9 869                             | 34 011                             | 2 726                                |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....   | 3              | 67                              | 12                        | 814                 | 24 268            | 641                 | 1 215         | 15 908          | 43 627                | 14 535                            | 58 364                             | 869                                  |
| 3329       | Other fabricated metal product manufacturing .....  | 2              | 123                             | 33                        | 3 097               | 104 055           | 2 201               | 4 425         | 55 185          | 271 597               | 212 110                           | 473 229                            | 7 343                                |
| 33291      | Metal valve manufacturing ....  | 1              | 21                              | 7                         | 1 162               | 33 540            | 766                 | 1 511         | 12 990          | 100 199               | 96 018                            | 184 169                            | 1 755                                |
| 332913     | Plumbing fixture fitting and trim manufacturing .....   | 1              | 8                               | 3                         | 823                 | 20 839            | 590                 | 1 123         | 7 766           | 76 493                | 73 778                            | 138 305                            | D                                    |
| 33299      | All other fabricated metal product manufacturing .....  | 3              | 102                             | 26                        | 1 935               | 70 515            | 1 435               | 2 914         | 42 195          | 171 398               | 116 092                           | 289 060                            | 5 588                                |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....  | 2              | 71                              | 18                        | 1 318               | 47 547            | 952                 | 1 974         | 26 406          | 112 197               | 77 881                            | 192 234                            | 3 775                                |
| 333        | Machinery manufacturing .....   | 3              | '454                            | '116                      | '9 429              | '412 330          | '5 851              | '11 553       | '200 374        | '903 480              | '701 484                          | '1 611 026                         | '34 559                              |
| 3332       | Industrial machinery manufacturing .....  | 3              | 120                             | 28                        | 2 123               | 101 178           | 1 224               | 2 512         | 47 468          | 214 713               | 200 874                           | 421 123                            | 9 398                                |
| 33329      | Other industrial machinery manufacturing .....  | 2              | 109                             | 26                        | 1 948               | 92 094            | 1 125               | 2 304         | 44 020          | 198 223               | 188 112                           | 388 861                            | 9 047                                |
| 333293     | Printing machinery and equipment manufacturing ..   | 2              | 22                              | 7                         | 358                 | 19 364            | 158                 | 306           | 7 468           | 45 569                | 39 319                            | 83 018                             | 1 003                                |
| 333295     | Semiconductor machinery manufacturing .....   | 1              | 6                               | 5                         | 392                 | 17 576            | 209                 | 517           | 6 300           | 52 701                | 64 376                            | 115 060                            | 4 385                                |
| 333298     | All other industrial machinery manufacturing .....  | 3              | 41                              | 13                        | 945                 | 45 879            | 583                 | 1 171         | 25 274          | 80 461                | 72 591                            | 159 399                            | D                                    |
| 3333       | Commercial and service industry machinery manufacturing .....   | 5              | 58                              | 20                        | 1 369               | 54 338            | 852                 | 1 651         | 24 811          | 121 844               | 108 994                           | 227 626                            | 5 263                                |
| 33331      | Commercial and service industry machinery manufacturing .....   | 5              | 58                              | 20                        | 1 369               | 54 338            | 852                 | 1 651         | 24 811          | 121 844               | 108 994                           | 227 626                            | 5 263                                |
| 333319     | Other commercial and service industry machinery manufacturing .....   | 5              | 33                              | 13                        | 893                 | 32 529            | 613                 | 1 187         | 16 690          | 81 087                | 87 128                            | 165 178                            | 3 968                                |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 7              | 23                              | 7                         | 562                 | 19 836            | 415                 | 768           | 11 767          | 41 962                | 40 560                            | 82 219                             | 1 549                                |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 7              | 23                              | 7                         | 562                 | 19 836            | 415                 | 768           | 11 767          | 41 962                | 40 560                            | 82 219                             | 1 549                                |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | 8              | 13                              | 6                         | 438                 | 14 883            | 343                 | 614           | 9 326           | 32 676                | 32 143                            | 64 904                             | 909                                  |
| 3335       | Metalworking machinery manufacturing .....  | 2              | 104                             | 16                        | 1 360               | 59 960            | 966                 | 1 939         | 37 677          | 167 152               | 68 205                            | 233 352                            | 7 126                                |
| 33351      | Metalworking machinery manufacturing .....  | 2              | 104                             | 16                        | 1 360               | 59 960            | 966                 | 1 939         | 37 677          | 167 152               | 68 205                            | 233 352                            | 7 126                                |
| 333511     | Industrial mold manufacturing .....   | 1              | 28                              | 4                         | 400                 | 15 809            | 298                 | 557           | 9 757           | 38 627                | 30 363                            | 68 059                             | 1 938                                |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....   | 1              | 44                              | 4                         | 417                 | 18 096            | 283                 | 588           | 11 194          | 33 088                | 10 633                            | 43 694                             | 2 316                                |
| 333515     | Cutting tool and machine tool accessory manufacturing .....   | 2              | 22                              | 4                         | 346                 | 15 438            | 255                 | 518           | 10 692          | 71 699                | 18 685                            | 89 692                             | 1 558                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>               |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>                        |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3339       | Other general purpose machinery manufacturing .....   | 1              | 126                             | 41                        | 3 739               | 165 807           | 2 230               | 4 383         | 73 141          | 334 553               | 263 526                           | 604 252                            | 10 415                               |
| 33391      | Pump and compressor manufacturing .....   | 1              | 13                              | 4                         | 455                 | 23 111            | 223                 | 461           | 7 530           | 54 256                | 34 599                            | 88 476                             | 1 228                                |
| 333912     | Air and gas compressor manufacturing .....  | 1              | 6                               | 2                         | 330                 | 16 531            | 155                 | 315           | 4 383           | 38 866                | 25 835                            | 64 899                             | 950                                  |
| 33392      | Material handling equipment manufacturing .....   | 2              | 41                              | 15                        | 1 367               | 60 846            | 904                 | 1 903         | 31 151          | 111 156               | 100 276                           | 212 324                            | 3 113                                |
| 333921     | Elevator and moving stairway manufacturing .....  | 2              | 18                              | 8                         | 730                 | 32 167            | 549                 | 1 161         | 18 087          | 69 547                | 43 820                            | 113 233                            | 2 084                                |
| 333922     | Conveyor and conveying equipment manufacturing ..   | 2              | 15                              | 6                         | 570                 | 25 930            | 315                 | 665           | 11 761          | 37 550                | 52 003                            | 90 632                             | D                                    |
| 33399      | All other general purpose machinery manufacturing ....                                      | 1              | 72                              | 22                        | 1 917               | 81 850            | 1 103               | 2 019         | 34 460          | 169 141               | 128 651                           | 303 452                            | 6 074                                |
| 333993     | Packaging machinery manufacturing .....   | 1              | 23                              | 6                         | 522                 | 24 247            | 249                 | 490           | 10 377          | 35 565                | 22 282                            | 63 333                             | 543                                  |
| 333994     | Industrial process furnace and oven manufacturing ...                                       | —              | 7                               | 4                         | 268                 | 10 279            | 169                 | 169           | 4 764           | 19 492                | 13 810                            | 33 238                             | D                                    |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....                       | 1              | 32                              | 9                         | 993                 | 41 341            | 601                 | 1 197         | 16 533          | 99 415                | 82 217                            | 182 866                            | 3 244                                |
| 334        | Computer and electronic product manufacturing .....   | 1              | 354                             | 124                       | 14 797              | 774 760           | 7 703               | 15 302        | 303 547         | 2 392 390             | 1 438 024                         | 3 832 988                          | 89 064                               |
| 3341       | Computer and peripheral equipment manufacturing .....                                       | 5              | 24                              | 3                         | 325                 | 18 117            | 123                 | 190           | 5 261           | 59 879                | 77 812                            | 138 003                            | 7 806                                |
| 33411      | Computer and peripheral equipment manufacturing ....  | 5              | 24                              | 3                         | 325                 | 18 117            | 123                 | 190           | 5 261           | 59 879                | 77 812                            | 138 003                            | 7 806                                |
| 3342       | Communications equipment manufacturing .....  | 4              | 38                              | 15                        | 1 386               | 79 500            | 477                 | 904           | 17 041          | 155 869               | 152 317                           | 309 483                            | D                                    |
| 33421      | Telephone apparatus manufacturing .....   | 9              | 11                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334210     | Telephone apparatus manufacturing .....   | 9              | 11                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 2              | 19                              | 7                         | 827                 | 50 168            | 301                 | 591           | 12 293          | 95 354                | 110 231                           | 206 608                            | D                                    |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 2              | 19                              | 7                         | 827                 | 50 168            | 301                 | 591           | 12 293          | 95 354                | 110 231                           | 206 608                            | D                                    |
| 3343       | Audio and video equipment manufacturing .....   | 2              | 23                              | 2                         | 302                 | 11 408            | 155                 | 297           | 3 423           | 20 774                | 28 646                            | 49 006                             | D                                    |
| 33431      | Audio and video equipment manufacturing .....   | 2              | 23                              | 2                         | 302                 | 11 408            | 155                 | 297           | 3 423           | 20 774                | 28 646                            | 49 006                             | D                                    |
| 334310     | Audio and video equipment manufacturing .....   | 2              | 23                              | 2                         | 302                 | 11 408            | 155                 | 297           | 3 423           | 20 774                | 28 646                            | 49 006                             | D                                    |
| 3344       | Semiconductor and other electronic component manufacturing .....                            | —              | 81                              | 40                        | 4 491               | 188 873           | 2 976               | 6 915         | 98 633          | 1 128 836             | 558 147                           | 1 675 317                          | 10 635                               |
| 33441      | Semiconductor and other electronic component manufacturing .....                            | —              | 81                              | 40                        | 4 491               | 188 873           | 2 976               | 6 915         | 98 633          | 1 128 836             | 558 147                           | 1 675 317                          | 10 635                               |
| 334411     | Electron tube manufacturing .....   | 1              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413     | Semiconductor and related device manufacturing .....  | 3              | 15                              | 5                         | 338                 | 17 211            | 201                 | 438           | 6 458           | 36 075                | 32 125                            | 69 656                             | D                                    |
| 334416     | Electronic coil, transformer, and other inductor manufacturing .....                        | —              | 7                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....                          | —              | 11                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 381                                |
| 334419     | Other electronic component manufacturing .....  | —              | 27                              | 14                        | 1 966               | 84 875            | 1 047               | 2 169         | 31 878          | 133 123               | 90 534                            | 228 350                            | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....        | 1              | 122                             | 43                        | 6 770               | 414 971           | 2 946               | 5 012         | 144 959         | 861 215               | 525 319                           | 1 399 913                          | 55 529                               |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334        | Computer and electronic product manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing . . .   | 1  | 122                             | 43                        | 6 770               | 414 971           | 2 946               | 5 012         | 144 959         | 861 215               | 525 319                           | 1 399 913                          | 55 529                               |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing . . .  | —  | 9                               | 4                         | 529                 | 29 127            | 85                  | 157           | 2 684           | 83 008                | 59 407                            | 144 636                            | D                                    |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing . . .                | —  | 22                              | 8                         | 3 712               | 259 717           | 1 739               | 2 785         | 104 787         | 514 166               | 206 441                           | 731 210                            | 33 771                               |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables . . . | 3  | 17                              | 6                         | 416                 | 18 639            | 209                 | 425           | 6 386           | 38 261                | 31 708                            | 69 294                             | 2 213                                |
| 334515     | Instrument manufacturing for measuring and testing electricity and electrical signals . . .                                  | —  | 17                              | 5                         | 651                 | 33 271            | 297                 | 557           | 11 073          | 60 137                | 73 035                            | 134 356                            | 3 711                                |
| 334516     | Analytical laboratory instrument manufacturing . .   | 5  | 12                              | 4                         | 334                 | 20 442            | 98                  | 190           | 4 164           | 41 868                | 27 474                            | 69 513                             | 1 756                                |
| 334517     | Irradiation apparatus manufacturing . . .  | 4  | 6                               | 3                         | 255                 | 13 489            | 110                 | 219           | 3 597           | 46 750                | 23 492                            | 70 552                             | 715                                  |
| 334519     | Other measuring and controlling device manufacturing . . .   | 1  | 12                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 731                                |
| 3346       | Manufacturing and reproducing magnetic and optical media . . .   | 3  | 66                              | 21                        | 1 523               | 61 891            | 1 026               | 1 984         | 34 230          | 165 817               | 95 783                            | 261 266                            | D                                    |
| 33461      | Manufacturing and reproducing magnetic and optical media . .   | 3  | 66                              | 21                        | 1 523               | 61 891            | 1 026               | 1 984         | 34 230          | 165 817               | 95 783                            | 261 266                            | D                                    |
| 334612     | Prerecorded compact disc (except software), tape, and record reproducing . . .   | 3  | 55                              | 16                        | 1 209               | 49 283            | 781                 | 1 564         | 25 601          | 125 114               | 55 943                            | 181 576                            | D                                    |
| 334613     | Magnetic and optical recording media manufacturing . . .   | 2  | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing . . .   | 3  | '181                            | '73                       | '7 598              | '282 449          | '5 246              | '9 925        | '148 698        | '753 707              | '581 710                          | '1 330 463                         | '20 225                              |
| 3351       | Electric lighting equipment manufacturing . . .  | 2  | 76                              | 28                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33512      | Lighting fixture manufacturing . .   | 2  | 75                              | 27                        | 2 486               | 93 704            | 1 653               | 3 303         | 47 078          | 278 116               | 157 402                           | 432 016                            | 5 752                                |
| 335121     | Residential electric lighting fixture manufacturing . . .  | 2  | 40                              | 11                        | 776                 | 32 214            | 441                 | 922           | 14 036          | 112 659               | 65 925                            | 175 779                            | 3 358                                |
| 335122     | Commercial, industrial, and institutional electric lighting fixture manufacturing . . .                                      | 1  | 24                              | 10                        | 1 166               | 41 613            | 815                 | 1 595         | 21 469          | 118 065               | 60 366                            | 177 836                            | 1 356                                |
| 335129     | Other lighting equipment manufacturing . . .   | 5  | 11                              | 6                         | 544                 | 19 877            | 397                 | 786           | 11 573          | 47 392                | 31 111                            | 78 401                             | 1 038                                |
| 3352       | Household appliance manufacturing . . .  | 7  | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33521      | Small electrical appliance manufacturing . . .   | 7  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335211     | Electric housewares and household fan manufacturing . . .  | 7  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353       | Electrical equipment manufacturing . . .   | '5 | '42                             | '16                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531      | Electrical equipment manufacturing . . .   | '5 | '42                             | '16                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335313     | Switchgear and switchboard apparatus manufacturing . .   | 2  | 13                              | 8                         | 550                 | 23 880            | 366                 | 762           | 12 137          | 44 051                | 39 384                            | 82 936                             | 664                                  |
| 335314     | Relay and industrial control manufacturing . . .   | 7  | 16                              | 5                         | 678                 | 29 650            | 393                 | 778           | 8 933           | 66 092                | 49 282                            | 115 063                            | 1 290                                |

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|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>      |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>         |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>               |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 335        | Electrical equipment, appliance, and component manufacturing—Con.                  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3359       | Other electrical equipment and component manufacturing . . . . .                   | 2                               | 57    | 27                        | 3 293               | 115 580            | 2 397               | 4 300         | 68 701                | 260 161                           | 241 147                            | 501 108                              | 6 852           |
| 33592      | Communication and energy wire and cable manufacturing . . . . .                    | 4                               | 16    | 9                         | 711                 | 26 764             | 540                 | 1 000         | 17 148                | 64 822                            | 69 729                             | 136 570                              | 1 792           |
| 335929     | Other communication and energy wire manufacturing . . . . .                        | 4                               | 14    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33593      | Wiring device manufacturing . . . . .  | 1                               | 18    | 11                        | 1 878               | 56 586             | 1 418               | 2 306         | 36 781                | 134 966                           | 142 700                            | 275 636                              | 3 688           |
| 335931     | Current-carrying wiring device manufacturing . . . . .                             | —                               | 14    | 8                         | 1 601               | 46 183             | 1 239               | 1 921         | 31 518                | 109 125                           | 121 571                            | 228 788                              | D               |
| 335932     | Noncurrent-carrying wiring device manufacturing . . . . .                          | 6                               | 4     | 3                         | 277                 | 10 403             | 179                 | 385           | 5 263                 | 25 841                            | 21 129                             | 46 848                               | D               |
| 33599      | All other electrical equipment and component manufacturing . . . . .               | 1                               | 22    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335999     | All other miscellaneous electrical equipment and component manufacturing . . . . . | 1                               | 20    | 4                         | 398                 | 20 164             | 192                 | 402           | 6 309                 | 35 592                            | 17 984                             | 53 152                               | D               |
| 336        | Transportation equipment manufacturing . . . . .                                   | 1                               | 124   | 35                        | 4 854               | 222 245            | 3 207               | 6 813         | 110 214               | 595 032                           | 554 266                            | 1 252 496                            | 38 269          |
| 3363       | Motor vehicle parts manufacturing . . . . .  | 2                               | 67    | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 5 292           |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing . . . . .          | 1                               | 19    | 3                         | 732                 | 40 093             | 268                 | 539           | 7 876                 | 45 594                            | 47 691                             | 98 507                               | 1 006           |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing . . . . .    | 1                               | 17    | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33635      | Motor vehicle transmission and power train parts manufacturing . . . . .           | 2                               | 8     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336350     | Motor vehicle transmission and power train parts manufacturing . . . . .           | 2                               | 8     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33639      | Other motor vehicle parts manufacturing . . . . .                                  | 1                               | 19    | 4                         | 389                 | 13 990             | 278                 | 644           | 7 735                 | 48 301                            | 48 477                             | 96 914                               | 1 891           |
| 336399     | All other motor vehicle parts manufacturing . . . . .                              | 1                               | 19    | 4                         | 389                 | 13 990             | 278                 | 644           | 7 735                 | 48 301                            | 48 477                             | 96 914                               | 1 891           |
| 3364       | Aerospace product and parts manufacturing . . . . .                                | 1                               | 23    | 10                        | 2 044               | 92 551             | 1 393               | 3 025         | 44 823                | 199 251                           | 97 149                             | 291 750                              | 29 247          |
| 33641      | Aerospace product and parts manufacturing . . . . .                                | 1                               | 23    | 10                        | 2 044               | 92 551             | 1 393               | 3 025         | 44 823                | 199 251                           | 97 149                             | 291 750                              | 29 247          |
| 336412     | Aircraft engine and engine parts manufacturing . . . . .                           | 1                               | 9     | 5                         | 1 479               | 67 511             | 984                 | 2 313         | 34 441                | 152 365                           | 72 893                             | 224 392                              | D               |
| 336413     | Other aircraft parts and auxiliary equipment manufacturing . . . . .               | —                               | 12    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3366       | Ship and boat building . . . . .   | 4                               | 13    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33661      | Ship and boat building . . . . .   | 4                               | 13    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336611     | Ship building and repairing . . . . .  | 4                               | 13    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337        | Furniture and related product manufacturing . . . . .                              | 5                               | 793   | 138                       | 10 570              | 326 322            | 8 162               | 15 796        | 209 741               | 730 656                           | 568 056                            | 1 298 188                            | 23 915          |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing . . . . .  | 5                               | 575   | 77                        | 6 318               | 176 008            | 5 047               | 9 721         | 121 226               | 385 401                           | 323 595                            | 709 152                              | 12 708          |
| 33711      | Wood kitchen cabinet and countertop manufacturing . . . . .                        | 4                               | 259   | 17                        | 1 928               | 55 788             | 1 489               | 2 721         | 36 942                | 111 911                           | 67 697                             | 178 789                              | 4 345           |
| 337110     | Wood kitchen cabinet and countertop manufacturing . . . . .                        | 4                               | 259   | 17                        | 1 928               | 55 788             | 1 489               | 2 721         | 36 942                | 111 911                           | 67 697                             | 178 789                              | 4 345           |
| 33712      | Household and institutional furniture manufacturing . . . . .                      | 5                               | 316   | 60                        | 4 390               | 120 220            | 3 558               | 7 000         | 84 284                | 273 490                           | 255 898                            | 530 363                              | 8 363           |
| 337121     | Upholstered household furniture manufacturing . . . . .                            | 6                               | 76    | 19                        | 1 323               | 35 965             | 1 102               | 2 141         | 26 347                | 83 074                            | 100 268                            | 182 925                              | 2 872           |
| 337122     | Nonupholstered wood household furniture manufacturing . . . . .                    | 5                               | 181   | 27                        | 2 119               | 50 921             | 1 776               | 3 464         | 39 496                | 106 708                           | 91 461                             | 197 439                              | 3 094           |
| 337124     | Metal household furniture manufacturing . . . . .                                  | 5                               | 19    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337127     | Institutional furniture manufacturing . . . . .                                    | 3                               | 28    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 928           |

See footnotes at end of table.



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|            | <b>New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.</b>          |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 337        | Furniture and related product manufacturing—Con.                              |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3372       | Office furniture (including fixtures) manufacturing .....                     | 3              | '161                            | 46                        | '2 802              | '105 555          | '2 007              | '3 899        | '61 346         | '215 741              | '124 988                          | '339 985                           | '4 462                               |
| 33721      | Office furniture (including fixtures) manufacturing .....                     | 3              | '161                            | 46                        | '2 802              | '105 555          | '2 007              | '3 899        | '61 346         | '215 741              | '124 988                          | '339 985                           | '4 462                               |
| 337211     | Wood office furniture manufacturing .....                                     | 5              | 19                              | 6                         | 358                 | 13 752            | 280                 | 589           | 9 477           | 29 904                | 13 022                            | 42 588                             | 528                                  |
| 337212     | Custom architectural woodwork and millwork manufacturing .....                | 1              | '62                             | 14                        | '955                | '43 023           | '637                | '1 237        | '24 259         | '78 012               | '45 417                           | '123 262                           | '1 961                               |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                 | 4              | 70                              | 26                        | 1 434               | 46 903            | 1 042               | 1 978         | 26 144          | 102 201               | 63 090                            | 165 057                            | 1 851                                |
| 3379       | Other furniture related product manufacturing .....                           | 6              | 57                              | 15                        | 1 450               | 44 759            | 1 108               | 2 176         | 27 169          | 129 514               | 119 473                           | 249 051                            | 6 745                                |
| 33791      | Mattress manufacturing .....  | 9              | 15                              | 5                         | 501                 | 18 403            | 438                 | 852           | 11 708          | 68 288                | 57 503                            | 125 710                            | 4 436                                |
| 337910     | Mattress manufacturing .....  | 9              | 15                              | 5                         | 501                 | 18 403            | 438                 | 852           | 11 708          | 68 288                | 57 503                            | 125 710                            | 4 436                                |
| 33792      | Blind and shade manufacturing .....   | 3              | 42                              | 10                        | 949                 | 26 356            | 670                 | 1 324         | 15 461          | 61 226                | 61 970                            | 123 341                            | 2 309                                |
| 337920     | Blind and shade manufacturing .....   | 3              | 42                              | 10                        | 949                 | 26 356            | 670                 | 1 324         | 15 461          | 61 226                | 61 970                            | 123 341                            | 2 309                                |
| 339        | Miscellaneous manufacturing .....   | 2              | 1 681                           | 355                       | 37 834              | 1 405 742         | 23 296              | 44 573        | 619 075         | 3 785 943             | 3 222 954                         | 7 138 547                          | 114 060                              |
| 3391       | Medical equipment and supplies manufacturing .....                            | 1              | 404                             | 64                        | 12 192              | 578 106           | 5 761               | 11 219        | 185 151         | 1 672 338             | 506 567                           | 2 292 629                          | 56 524                               |
| 33911      | Medical equipment and supplies manufacturing .....                            | 1              | 404                             | 64                        | 12 192              | 578 106           | 5 761               | 11 219        | 185 151         | 1 672 338             | 506 567                           | 2 292 629                          | 56 524                               |
| 339111     | Laboratory apparatus and furniture manufacturing .....                        | —              | 10                              | 7                         | 840                 | 33 617            | 467                 | 906           | 13 681          | 50 236                | 24 618                            | 75 484                             | 2 896                                |
| 339112     | Surgical and medical instrument manufacturing .....                           | 3              | 28                              | 11                        | 1 346               | 51 535            | 733                 | 1 461         | 19 734          | 233 732               | 81 274                            | 318 297                            | 5 102                                |
| 339113     | Surgical appliance and supplies manufacturing .....                           | —              | 61                              | 25                        | 7 772               | 413 448           | 3 116               | 6 029         | 109 518         | 1 218 503             | 291 880                           | 1 622 736                          | 32 509                               |
| 339114     | Dental equipment and supplies manufacturing .....                             | 5              | 34                              | 8                         | 712                 | 32 302            | 361                 | 701           | 10 981          | 77 421                | 78 278                            | 153 569                            | 13 310                               |
| 339116     | Dental laboratories .....   | 5              | 259                             | 11                        | 1 333               | 40 693            | 980                 | 1 913         | 29 134          | 73 130                | 19 627                            | 92 861                             | 1 952                                |
| 3399       | Other miscellaneous manufacturing .....                                       | 2              | 1 277                           | 291                       | 25 642              | 827 636           | 17 535              | 33 354        | 433 924         | 2 113 605             | 2 716 387                         | 4 845 918                          | 57 536                               |
| 33991      | Jewelry and silverware manufacturing .....                                    | 2              | 660                             | 127                       | 12 449              | 411 442           | 8 201               | 15 048        | 206 410         | 1 175 627             | 2 009 006                         | 3 194 777                          | 24 602                               |
| 339911     | Jewelry (except costume) manufacturing .....                                  | 2              | 480                             | 93                        | 9 371               | 328 788           | 6 231               | 11 452        | 166 075         | 933 024               | 1 573 689                         | 2 533 492                          | 19 263                               |
| 339913     | Jewelers' material and lapidary work manufacturing .....                      | 2              | 82                              | 16                        | 2 016               | 51 109            | 1 266               | 2 312         | 26 949          | 157 316               | 381 569                           | 521 492                            | 3 894                                |
| 339914     | Costume jewelry and novelty manufacturing .....                               | 2              | 83                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33992      | Sporting and athletic goods manufacturing .....                               | 6              | 22                              | 10                        | 619                 | 16 617            | 452                 | 926           | 9 969           | 34 160                | 31 623                            | 65 807                             | 845                                  |
| 339920     | Sporting and athletic goods manufacturing .....                               | 6              | 22                              | 10                        | 619                 | 16 617            | 452                 | 926           | 9 969           | 34 160                | 31 623                            | 65 807                             | 845                                  |
| 33993      | Doll, toy, and game manufacturing .....                                       | 1              | 31                              | 7                         | 562                 | 18 548            | 342                 | 701           | 9 373           | 120 766               | 111 769                           | 237 011                            | 2 545                                |
| 339931     | Doll and stuffed toy manufacturing .....                                      | 1              | 15                              | 4                         | 327                 | 9 614             | 144                 | 301           | 2 929           | 32 305                | 28 948                            | 63 624                             | 335                                  |
| 33994      | Office supplies (except paper) manufacturing .....                            | 5              | 43                              | 12                        | 614                 | 18 341            | 393                 | 767           | 10 569          | 48 825                | 33 804                            | 80 837                             | 1 002                                |
| 339941     | Pen and mechanical pencil manufacturing .....                                 | 6              | 14                              | 6                         | 253                 | 7 904             | 195                 | 368           | 4 789           | 18 784                | 14 333                            | 33 016                             | D                                    |
| 33995      | Sign manufacturing .....  | 2              | 203                             | 48                        | 4 458               | 159 078           | 2 936               | 6 107         | 77 014          | 323 601               | 206 905                           | 527 676                            | 9 930                                |
| 339950     | Sign manufacturing .....  | 2              | 203                             | 48                        | 4 458               | 159 078           | 2 936               | 6 107         | 77 014          | 323 601               | 206 905                           | 527 676                            | 9 930                                |
| 33999      | All other miscellaneous manufacturing .....                                   | 4              | 318                             | 87                        | 6 940               | 203 610           | 5 211               | 9 805         | 120 589         | 410 626               | 323 280                           | 739 810                            | 18 612                               |
| 339991     | Gasket, packing, and sealing device manufacturing .....                       | 3              | 14                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 956                                  |
| 339992     | Musical instrument manufacturing .....  | —              | 29                              | 4                         | 871                 | 34 275            | 698                 | 1 328         | 23 525          | 71 026                | 25 624                            | 95 808                             | 2 852                                |
| 339993     | Fastener, button, needle, and pin manufacturing .....                         | 2              | 27                              | 7                         | 490                 | 14 279            | 352                 | 646           | 7 909           | 23 199                | 26 123                            | 49 158                             | 489                                  |
| 339994     | Broom, brush, and mop manufacturing .....                                     | 4              | 15                              | 6                         | 478                 | 12 517            | 389                 | 783           | 7 868           | 27 930                | 23 498                            | 51 771                             | 420                                  |
| 339999     | All other miscellaneous manufacturing .....                                   | 4              | 230                             | 61                        | 4 717               | 128 957           | 3 512               | 6 507         | 73 475          | 262 548               | 233 430                           | 502 630                            | 13 845                               |
|            | <b>Suffolk County-Nassau County, NY Metropolitan Division</b>                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Suffolk County-Nassau County, NY Metropolitan Division—Con.</b>            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | 2              | '3 973                          | '954                      | '99 166             | '3 958 436        | '63 605             | '123 706      | '1 924 120      | '15 987 530           | '7 847 825                        | '23 799 426                        | '640 335                             |
| 311        | Food manufacturing .....  | 1              | 322                             | 50                        | 6 660               | 202 216           | 4 100               | 7 907         | 106 060         | 727 231               | 524 661                           | 1 249 190                          | 25 825                               |
| 3111       | Animal food manufacturing .....   | 1              | 4                               | 1                         | 313                 | 9 888             | 229                 | 538           | 3 859           | 35 935                | 34 824                            | 70 340                             | 1 621                                |
| 31111      | Animal food manufacturing ....  | 1              | 4                               | 1                         | 313                 | 9 888             | 229                 | 538           | 3 859           | 35 935                | 34 824                            | 70 340                             | 1 621                                |
| 311119     | Other animal food manufacturing .....   | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113       | Sugar and confectionery product manufacturing .....                           | —              | 21                              | 4                         | 583                 | 20 230            | 437                 | 927           | 10 237          | 31 404                | 55 196                            | 83 965                             | 1 496                                |
| 31133      | Confectionery manufacturing from purchased chocolate ....                     | —              | 9                               | 3                         | 531                 | 18 029            | 403                 | 855           | 8 869           | 26 719                | 50 173                            | 74 880                             | 1 386                                |
| 311330     | Confectionery manufacturing from purchased chocolate ..                       | —              | 9                               | 3                         | 531                 | 18 029            | 403                 | 855           | 8 869           | 26 719                | 50 173                            | 74 880                             | 1 386                                |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....         | 1              | 14                              | 6                         | 444                 | 14 018            | 350                 | 703           | 9 081           | 78 894                | 71 928                            | 150 816                            | 3 250                                |
| 3115       | Dairy product manufacturing .....   | —              | 9                               | 2                         | 255                 | 7 484             | 141                 | 155           | 3 222           | 20 387                | 37 167                            | 57 592                             | 1 218                                |
| 3118       | Bakeries and tortilla manufacturing .....                                     | 1              | 236                             | 27                        | 3 851               | 111 593           | 2 189               | 4 085         | 60 316          | 441 025               | 210 919                           | 652 490                            | 14 209                               |
| 31181      | Bread and bakery product manufacturing .....                                  | 1              | 227                             | 26                        | 3 629               | 105 268           | 2 009               | 3 660         | 56 113          | 425 082               | 199 084                           | 624 975                            | 13 972                               |
| 311811     | Retail bakeries .....   | 3              | 167                             | 14                        | 1 242               | 21 209            | 616                 | 945           | 10 731          | 44 151                | 22 855                            | 67 372                             | 1 776                                |
| 311812     | Commercial bakeries .....   | —              | 56                              | 9                         | 2 266               | 80 660            | 1 293               | 2 487         | 42 876          | 371 127               | 164 237                           | 535 963                            | 11 545                               |
| 3119       | Other food manufacturing .....  | 3              | 18                              | 5                         | 822                 | 30 233            | 420                 | 891           | 13 016          | 105 227               | 73 499                            | 178 610                            | 3 364                                |
| 31199      | All other food manufacturing ...  | 4              | 11                              | 3                         | 649                 | 23 016            | 303                 | 663           | 9 697           | 83 522                | 56 300                            | 139 803                            | 2 789                                |
| 311999     | All other miscellaneous food manufacturing .....                              | 4              | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312        | Beverage and tobacco product manufacturing .....                              | 2              | 26                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3121       | Beverage manufacturing .....  | 2              | 24                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....   | 4              | 33                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132       | Fabric mills .....  | 1              | 15                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31324      | Knit fabric mills .....   | 1              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314        | Textile product mills .....   | 2              | '75                             | '13                       | '1 070              | '28 294           | '828                | '1 563        | '18 463         | '65 479               | '78 198                           | '143 477                           | '1 755                               |
| 3141       | Textile furnishings mills .....   | 2              | 22                              | 4                         | 293                 | 7 935             | 210                 | 439           | 4 839           | 14 180                | 15 134                            | 29 251                             | 1 004                                |
| 31412      | Curtain and linen mills .....   | 2              | 22                              | 4                         | 293                 | 7 935             | 210                 | 439           | 4 839           | 14 180                | 15 134                            | 29 251                             | 1 004                                |
| 3149       | Other textile product mills .....   | 2              | '53                             | '9                        | '777                | '20 359           | '618                | '1 124        | '13 624         | '51 299               | '63 064                           | '114 226                           | '751                                 |
| 31491      | Textile bag and canvas mills . . .  | '5             | '26                             | '4                        | '336                | '10 983           | '265                | '497          | '7 369          | '20 696               | '12 950                           | '33 487                            | '423                                 |
| 314912     | Canvas and related product mills .....  | 6              | '25                             | '3                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31499      | All other textile product mills . . .   | —              | 27                              | 5                         | 441                 | 9 376             | 353                 | 627           | 6 255           | 30 603                | 50 114                            | 80 739                             | 328                                  |
| 314999     | All other miscellaneous textile product mills .....                           | —              | 27                              | 5                         | 441                 | 9 376             | 353                 | 627           | 6 255           | 30 603                | 50 114                            | 80 739                             | 328                                  |
| 315        | Apparel manufacturing .....   | 2              | 120                             | 27                        | 2 143               | 46 373            | 1 731               | 3 131         | 27 996          | 144 247               | 156 191                           | 310 413                            | D                                    |
| 3152       | Cut and sew apparel manufacturing .....                                       | 2              | 88                              | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31521      | Cut and sew apparel contractors .....   | 4              | 54                              | 13                        | 1 139               | 18 820            | 990                 | 1 758         | 14 614          | 31 656                | 15 737                            | 48 681                             | D                                    |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....           | 3              | 46                              | 12                        | 920                 | 15 397            | 808                 | 1 454         | 11 819          | 25 878                | 15 369                            | 42 534                             | D                                    |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                    | 1              | 20                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316        | Leather and allied product manufacturing .....                                | —              | 13                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3169       | Other leather and allied product manufacturing .....                          | —              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31699      | Other leather and allied product manufacturing .....                          | —              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|            | <b>Suffolk County-Nassau County, NY Metropolitan Division—Con.</b>               |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 321        | Wood product manufacturing . . . . .   | 5                               | 92    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3219       | Other wood product manufacturing . . . . .                                       | 4                               | 86    | 9                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 32191      | Millwork . . . . .   | 4                               | 52    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 321911     | Wood window and door manufacturing . . . . .                                     | 3                               | 22    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 322        | Paper manufacturing . . . . .  | 3                               | 66    | 28                        | 2 156               | 88 811             | 1 591               | 3 282         | 48 039                | 228 521                           | 297 772                            | 529 083                              | 15 056          |
| 3222       | Converted paper product manufacturing . . . . .                                  | 3                               | 62    | 25                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 32221      | Paperboard container manufacturing . . . . .                                     | 2                               | 28    | 13                        | 939                 | 37 836             | 687                 | 1 430         | 19 995                | 87 028                            | 131 658                            | 218 825                              | 4 492           |
| 322211     | Corrugated and solid fiber box manufacturing . . . . .                           | 1                               | 17    | 7                         | 487                 | 21 691             | 342                 | 706           | 10 767                | 57 342                            | 86 224                             | 143 080                              | 3 694           |
| 32223      | Stationery product manufacturing . . . . .                                       | —                               | 10    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 322232     | Envelope manufacturing . . . . .   | —                               | 3     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32229      | Other converted paper product manufacturing . . . . .                            | 7                               | 12    | 6                         | 372                 | 15 867             | 289                 | 595           | 8 481                 | 56 479                            | 79 445                             | 139 918                              | 3 525           |
| 322291     | Sanitary paper product manufacturing . . . . .                                   | 7                               | 9     | 5                         | 324                 | 14 339             | 250                 | 518           | 7 517                 | 53 809                            | 75 454                             | 133 247                              | D               |
| 323        | Printing and related support activities . . . . .                                | 3                               | 549   | 97                        | 8 851               | 312 483            | 6 263               | 12 013        | 193 814               | 677 542                           | 399 322                            | 1 073 371                            | 33 140          |
| 3231       | Printing and related support activities . . . . .                                | 3                               | 549   | 97                        | 8 851               | 312 483            | 6 263               | 12 013        | 193 814               | 677 542                           | 399 322                            | 1 073 371                            | 33 140          |
| 32311      | Printing . . . . .   | 3                               | 503   | 92                        | 8 499               | 296 633            | 6 012               | 11 518        | 183 440               | 649 451                           | 392 296                            | 1 038 294                            | 32 257          |
| 323110     | Commercial lithographic printing . . . . .                                       | 2                               | 240   | 55                        | 5 053               | 176 225            | 3 731               | 7 030         | 116 943               | 338 970                           | 225 584                            | 564 851                              | 20 653          |
| 323112     | Commercial flexographic printing . . . . .                                       | 1                               | 16    | 8                         | 585                 | 24 732             | 410                 | 872           | 15 240                | 55 628                            | 52 190                             | 104 940                              | 1 809           |
| 323113     | Commercial screen printing . . . . .   | 1                               | 42    | 6                         | 385                 | 11 767             | 245                 | 441           | 5 114                 | 22 401                            | 14 320                             | 36 618                               | 725             |
| 323114     | Quick printing . . . . .   | 3                               | 111   | 2                         | 392                 | 12 132             | 248                 | 443           | 7 243                 | 25 841                            | 12 284                             | 38 070                               | D               |
| 323115     | Digital printing . . . . .   | —                               | 17    | 2                         | 478                 | 15 836             | 234                 | 487           | 5 234                 | 45 915                            | 7 470                              | 52 782                               | 1 050           |
| 323116     | Manifold business forms printing . . . . .                                       | 8                               | 13    | 5                         | 337                 | 15 065             | 257                 | 504           | 9 473                 | 80 878                            | 29 245                             | 110 108                              | 2 481           |
| 323118     | Blankbook, looseleaf binders, and devices manufacturing . . . . .                | 5                               | 7     | 5                         | 639                 | 17 909             | 451                 | 851           | 10 155                | 32 782                            | 22 969                             | 55 658                               | 1 045           |
| 323119     | Other commercial printing . . . . .  | 4                               | 43    | 5                         | 381                 | 12 789             | 260                 | 512           | 8 177                 | 24 964                            | 14 107                             | 39 074                               | 2 493           |
| 32312      | Support activities for printing . . . . .  | 6                               | 46    | 5                         | 352                 | 15 850             | 251                 | 495           | 10 374                | 28 091                            | 7 026                              | 35 077                               | 883             |
| 323122     | Prepress services . . . . .  | 6                               | 32    | 4                         | 276                 | 13 547             | 190                 | 379           | 8 789                 | 24 125                            | 5 644                              | 29 730                               | 793             |
| 325        | Chemical manufacturing . . . . .   | 1                               | 155   | 76                        | 12 451              | 561 915            | 7 160               | 14 614        | 219 013               | 7 588 515                         | 1 635 613                          | 9 194 784                            | 193 566         |
| 3251       | Basic chemical manufacturing . . . . .   | 2                               | 9     | 6                         | 410                 | 21 104             | 210                 | 465           | 8 726                 | 40 371                            | 45 359                             | 81 962                               | 3 314           |
| 3254       | Pharmaceutical and medicine manufacturing . . . . .                              | 2                               | 69    | 43                        | 7 666               | 351 062            | 4 470               | 9 370         | 134 380               | 3 978 281                         | 678 948                            | 4 645 048                            | 167 152         |
| 32541      | Pharmaceutical and medicine manufacturing . . . . .                              | 2                               | 69    | 43                        | 7 666               | 351 062            | 4 470               | 9 370         | 134 380               | 3 978 281                         | 678 948                            | 4 645 048                            | 167 152         |
| 325411     | Medicinal and botanical manufacturing . . . . .                                  | 7                               | 17    | 9                         | 1 289               | 54 404             | 874                 | 1 944         | 25 190                | 673 372                           | 136 388                            | 812 378                              | 13 383          |
| 325412     | Pharmaceutical preparation manufacturing . . . . .                               | 1                               | 45    | 29                        | 6 076               | 281 304            | 3 478               | 7 270         | 105 809               | 3 266 623                         | 524 094                            | 3 775 980                            | D               |
| 3255       | Paint, coating, and adhesive manufacturing . . . . .                             | —                               | 16    | 2                         | 365                 | 17 086             | 197                 | 462           | 6 196                 | 24 262                            | 54 577                             | 76 772                               | D               |
| 32552      | Adhesive manufacturing . . . . .   | —                               | 6     | 2                         | 322                 | 15 433             | 169                 | 403           | 5 420                 | 18 926                            | 49 591                             | 66 446                               | D               |
| 325520     | Adhesive manufacturing . . . . .   | —                               | 6     | 2                         | 322                 | 15 433             | 169                 | 403           | 5 420                 | 18 926                            | 49 591                             | 66 446                               | D               |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing . . . . .          | —                               | 32    | 12                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 10 592          |
| 32562      | Toilet preparation manufacturing . . . . .                                       | —                               | 22    | 11                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 10 448          |
| 325620     | Toilet preparation manufacturing . . . . .                                       | —                               | 22    | 11                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 10 448          |
| 3259       | Other chemical product and preparation manufacturing . . . . .                   | 1                               | 21    | 9                         | 780                 | 43 929             | 377                 | 828           | 16 593                | 123 246                           | 119 636                            | 248 968                              | 9 246           |
| 32599      | All other chemical product and preparation manufacturing . . . . .               | —                               | 18    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 9 132           |
| 325992     | Photographic film, paper, plate, and chemical manufacturing . . . . .            | —                               | 5     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 325998     | All other miscellaneous chemical product and preparation manufacturing . . . . . | 1                               | 11    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 7 216           |

See footnotes at end of table.

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Suffolk County-Nassau County, NY Metropolitan Division—Con.</b>               |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326        | Plastics and rubber products manufacturing .....                                 | 2              | 138                             | 54                        | 4 752               | 148 519           | 3 452               | 6 753         | 82 422          | 387 423               | 288 227                           | 668 803                            | 16 253                               |
| 3261       | Plastics product manufacturing ..  | 2              | 120                             | 48                        | 4 438               | 138 448           | 3 245               | 6 298         | 76 716          | 367 251               | 267 815                           | 627 730                            | 15 260                               |
| 32611      | Plastics packaging materials and un laminated film and sheet manufacturing ..... | 2              | 18                              | 6                         | 761                 | 24 260            | 556                 | 1 092         | 15 964          | 57 519                | 60 025                            | 118 263                            | 3 931                                |
| 326111     | Plastics bag manufacturing ..  | —              | 6                               | 3                         | 621                 | 19 054            | 454                 | 873           | 12 706          | 44 123                | 43 193                            | 88 187                             | D                                    |
| 32619      | Other plastics product manufacturing .....                                       | 3              | 82                              | 37                        | 3 364               | 102 932           | 2 468               | 4 747         | 54 074          | 275 532               | 184 499                           | 452 008                            | 10 189                               |
| 326199     | All other plastics product manufacturing .....                                   | 3              | 79                              | 36                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...   | 2              | 18                              | 6                         | 314                 | 10 071            | 207                 | 455           | 5 706           | 20 172                | 20 412                            | 41 073                             | 993                                  |
| 327        | Nonmetallic mineral product manufacturing .....                                  | 5              | 128                             | 28                        | 1 811               | 72 173            | 1 356               | 2 651         | 49 152          | 291 349               | 195 154                           | 486 158                            | 37 527                               |
| 3272       | Glass and glass product manufacturing .....                                      | 2              | 25                              | 6                         | 407                 | 15 098            | 309                 | 531           | 10 105          | 34 772                | 20 182                            | 55 371                             | 1 506                                |
| 32721      | Glass and glass product manufacturing .....                                      | 2              | 25                              | 6                         | 407                 | 15 098            | 309                 | 531           | 10 105          | 34 772                | 20 182                            | 55 371                             | 1 506                                |
| 327215     | Glass product manufacturing made of purchased glass ..                           | 2              | 21                              | 6                         | 397                 | 14 771            | 301                 | 516           | 9 858           | 33 746                | 19 804                            | 53 967                             | D                                    |
| 3273       | Cement and concrete product manufacturing .....                                  | 5              | 63                              | 15                        | 1 071               | 45 267            | 778                 | 1 584         | 30 597          | 224 055               | 155 816                           | 380 742                            | 34 668                               |
| 32732      | Ready-mix concrete manufacturing .....   | 1              | 33                              | 7                         | 448                 | 20 831            | 353                 | 709           | 15 691          | 45 405                | 66 402                            | 111 839                            | 2 175                                |
| 327320     | Ready-mix concrete manufacturing .....   | 1              | 33                              | 7                         | 448                 | 20 831            | 353                 | 709           | 15 691          | 45 405                | 66 402                            | 111 839                            | 2 175                                |
| 32739      | Other concrete product manufacturing .....                                       | 8              | 16                              | 3                         | 414                 | 14 277            | 281                 | 587           | 8 647           | 143 717               | 58 534                            | 202 044                            | D                                    |
| 327390     | Other concrete product manufacturing .....                                       | 8              | 16                              | 3                         | 414                 | 14 277            | 281                 | 587           | 8 647           | 143 717               | 58 534                            | 202 044                            | D                                    |
| 3279       | Other nonmetallic mineral product manufacturing .....                            | 6              | 32                              | 7                         | 303                 | 10 723            | 243                 | 485           | 7 650           | 29 246                | 15 779                            | 43 392                             | D                                    |
| 32799      | All other nonmetallic mineral product manufacturing .....                        | 6              | 32                              | 7                         | 303                 | 10 723            | 243                 | 485           | 7 650           | 29 246                | 15 779                            | 43 392                             | D                                    |
| 331        | Primary metal manufacturing .....  | 2              | 39                              | 11                        | 548                 | 20 664            | 398                 | 704           | 14 044          | 70 120                | 54 770                            | 127 063                            | 2 929                                |
| 3315       | Foundries .....  | 2              | 16                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152      | Nonferrous metal foundries ....  | 2              | 13                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 476                                |
| 332        | Fabricated metal product manufacturing .....                                     | 3              | 659                             | 139                       | 13 098              | 533 676           | 8 882               | 17 051        | 288 127         | 1 044 573             | 652 738                           | 1 686 197                          | 58 815                               |
| 3321       | Forging and stamping.....  | 3              | 30                              | 9                         | 594                 | 22 728            | 455                 | 859           | 13 999          | 48 603                | 28 792                            | 76 915                             | 2 196                                |
| 33211      | Forging and stamping.....  | 3              | 30                              | 9                         | 594                 | 22 728            | 455                 | 859           | 13 999          | 48 603                | 28 792                            | 76 915                             | 2 196                                |
| 332116     | Metal stamping .....   | 2              | 27                              | 8                         | 542                 | 20 505            | 415                 | 778           | 12 438          | 44 586                | 23 882                            | 67 988                             | D                                    |
| 3322       | Cutlery and handtool manufacturing .....   | —              | 16                              | 5                         | 730                 | 27 447            | 597                 | 1 174         | 18 686          | 50 101                | 61 621                            | 113 397                            | 3 058                                |
| 33221      | Cutlery and handtool manufacturing .....   | —              | 16                              | 5                         | 730                 | 27 447            | 597                 | 1 174         | 18 686          | 50 101                | 61 621                            | 113 397                            | 3 058                                |
| 332212     | Hand and edge tool manufacturing .....   | —              | 9                               | 4                         | 312                 | 14 318            | 193                 | 360           | 6 558           | 31 965                | 38 605                            | 72 728                             | D                                    |
| 332213     | Saw blade and handsaw manufacturing .....  | —              | 3                               | 1                         | 391                 | 12 083            | 383                 | 768           | 11 437          | 15 534                | 20 368                            | 35 510                             | D                                    |
| 3323       | Architectural and structural metals manufacturing .....                          | 3              | 158                             | 47                        | 4 101               | 158 822           | 2 640               | 4 649         | 83 492          | 304 859               | 221 009                           | 513 807                            | 10 956                               |
| 33231      | Plate work and fabricated structural product manufacturing .....                 | 2              | 35                              | 7                         | 434                 | 18 865            | 240                 | 462           | 8 203           | 32 485                | 32 523                            | 65 139                             | 1 191                                |
| 332312     | Fabricated structural metal manufacturing .....                                  | 2              | 25                              | 6                         | 340                 | 15 540            | 166                 | 298           | 5 666           | 22 247                | 27 977                            | 50 366                             | 1 075                                |
| 33232      | Ornamental and architectural metal products manufacturing .....                  | 4              | 123                             | 40                        | 3 667               | 139 957           | 2 400               | 4 187         | 75 289          | 272 374               | 188 486                           | 448 668                            | 9 765                                |
| 332321     | Metal window and door manufacturing .....  | 5              | 27                              | 16                        | 1 053               | 36 022            | 709                 | 1 513         | 18 570          | 76 874                | 87 064                            | 161 338                            | 3 176                                |
| 332322     | Sheet metal work manufacturing .....   | 3              | 68                              | 20                        | 2 181               | 86 852            | 1 412               | 2 167         | 48 812          | 157 719               | 69 983                            | 218 101                            | 4 472                                |
| 332323     | Ornamental and architectural metal work manufacturing ..                         | 1              | 28                              | 4                         | 433                 | 17 083            | 279                 | 507           | 7 907           | 37 781                | 31 439                            | 69 229                             | 2 117                                |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
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|            | <b>Suffolk County-Nassau County, NY Metropolitan Division—Con.</b>                                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3326       | Spring and wire product manufacturing .....  | 5              | 15                              | 4                         | 432                 | 14 835            | 298                 | 597           | 6 542           | 34 171                | 26 198                            | 60 455                             | 883                                  |
| 33261      | Spring and wire product manufacturing .....  | 5              | 15                              | 4                         | 432                 | 14 835            | 298                 | 597           | 6 542           | 34 171                | 26 198                            | 60 455                             | 883                                  |
| 332618     | Other fabricated wire product manufacturing .....  | 5              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 825                                  |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                        | 3              | 307                             | 43                        | 3 722               | 151 398           | 2 682               | 5 481         | 97 188          | 273 230               | 169 058                           | 435 793                            | 24 918                               |
| 33271      | Machine shops .....  | 4              | 240                             | 28                        | 2 153               | 91 687            | 1 641               | 3 363         | 62 083          | 166 756               | 94 170                            | 257 629                            | 16 243                               |
| 332710     | Machine shops .....  | 4              | 240                             | 28                        | 2 153               | 91 687            | 1 641               | 3 363         | 62 083          | 166 756               | 94 170                            | 257 629                            | 16 243                               |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....  | 2              | 67                              | 15                        | 1 569               | 59 711            | 1 041               | 2 118         | 35 105          | 106 474               | 74 888                            | 178 164                            | 8 675                                |
| 332721     | Precision turned product manufacturing .....   | 2              | 50                              | 9                         | 1 014               | 37 515            | 697                 | 1 423         | 23 211          | 60 341                | 50 463                            | 108 091                            | 7 117                                |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....  | 3              | 17                              | 6                         | 555                 | 22 196            | 344                 | 695           | 11 894          | 46 133                | 24 425                            | 70 073                             | 1 558                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                     | 2              | 49                              | 10                        | 665                 | 22 735            | 520                 | 936           | 14 179          | 40 046                | 16 019                            | 55 888                             | 985                                  |
| 33281      | Coating, engraving, heat treating, and allied activities ..  | 2              | 49                              | 10                        | 665                 | 22 735            | 520                 | 936           | 14 179          | 40 046                | 16 019                            | 55 888                             | 985                                  |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..  | 3              | 30                              | 3                         | 326                 | 11 378            | 260                 | 510           | 7 093           | 19 268                | 10 214                            | 29 278                             | D                                    |
| 3329       | Other fabricated metal product manufacturing .....   | 4              | 62                              | 15                        | 2 375               | 114 231           | 1 395               | 2 711         | 43 899          | 244 997               | 103 334                           | 353 206                            | 14 865                               |
| 33291      | Metal valve manufacturing ....   | —              | 13                              | 6                         | 1 140               | 53 090            | 655                 | 1 298         | 23 051          | 115 180               | 36 619                            | 154 645                            | 3 747                                |
| 332911     | Industrial valve manufacturing .....   | —              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332912     | Fluid power valve and hose fitting manufacturing .....   | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33299      | All other fabricated metal product manufacturing .....   | 7              | 49                              | 9                         | 1 235               | 61 141            | 740                 | 1 413         | 20 848          | 129 817               | 66 715                            | 198 561                            | 11 118                               |
| 332991     | Ball and roller bearing manufacturing .....  | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                               | 3              | 33                              | 6                         | 454                 | 19 539            | 319                 | 601           | 11 688          | 36 172                | 34 104                            | 71 151                             | 8 506                                |
| 333        | Machinery manufacturing .....  | 2              | 242                             | 75                        | 6 326               | 271 433           | 3 749               | 7 241         | 114 117         | 561 914               | 403 673                           | 979 300                            | 39 693                               |
| 3332       | Industrial machinery manufacturing .....   | 1              | 44                              | 13                        | 1 260               | 65 091            | 593                 | 1 192         | 21 344          | 85 647                | 99 870                            | 193 357                            | 15 390                               |
| 33329      | Other industrial machinery manufacturing .....   | —              | 36                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 14 811                               |
| 333295     | Semiconductor machinery manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333298     | All other industrial machinery manufacturing .....   | 1              | 18                              | 4                         | 434                 | 19 096            | 190                 | 395           | 5 842           | 23 567                | 36 786                            | 64 129                             | 9 611                                |
| 3333       | Commercial and service industry machinery manufacturing .....                                      | 1              | 34                              | 14                        | 1 040               | 38 440            | 721                 | 1 282         | 17 039          | 90 197                | 59 605                            | 150 190                            | 8 956                                |
| 33331      | Commercial and service industry machinery manufacturing .....                                      | 1              | 34                              | 14                        | 1 040               | 38 440            | 721                 | 1 282         | 17 039          | 90 197                | 59 605                            | 150 190                            | 8 956                                |
| 333314     | Optical instrument and lens manufacturing .....  | 2              | 10                              | 5                         | 295                 | 10 978            | 231                 | 414           | 6 316           | 19 966                | 16 351                            | 36 280                             | 7 356                                |
| 333315     | Photographic and photocopying equipment manufacturing .....  | —              | 7                               | 3                         | 477                 | 17 735            | 297                 | 464           | 5 517           | 47 905                | 28 688                            | 77 374                             | D                                    |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 5              | 20                              | 10                        | 936                 | 35 613            | 573                 | 1 167         | 12 977          | 79 540                | 68 334                            | 148 346                            | 1 526                                |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 5              | 20                              | 10                        | 936                 | 35 613            | 573                 | 1 167         | 12 977          | 79 540                | 68 334                            | 148 346                            | 1 526                                |
| 333414     | Heating equipment (except warm air furnaces) manufacturing .....                                   | 7              | 7                               | 4                         | 601                 | 20 986            | 395                 | 824           | 9 015           | 52 130                | 40 531                            | 93 828                             | D                                    |

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|            | <b>Suffolk County-Nassau County, NY Metropolitan Division—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.                         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.                         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | 2              | 10                              | 4                         | 276                 | 11 967            | 157                 | 305           | 3 398           | 21 923                | 18 758                            | 40 288                             | 275                                  |
| 3335       | Metalworking machinery manufacturing .....  | 1              | 68                              | 10                        | 733                 | 31 025            | 516                 | 942           | 17 828          | 70 570                | 51 410                            | 121 747                            | 4 232                                |
| 33351      | Metalworking machinery manufacturing .....  | 1              | 68                              | 10                        | 733                 | 31 025            | 516                 | 942           | 17 828          | 70 570                | 51 410                            | 121 747                            | 4 232                                |
| 3336       | Engine, turbine, and power transmission equipment manufacturing .....   | 8              | 9                               | 5                         | 470                 | 12 711            | 335                 | 706           | 7 520           | 23 186                | 13 387                            | 36 713                             | D                                    |
| 33361      | Engine, turbine, and power transmission equipment manufacturing .....   | 8              | 9                               | 5                         | 470                 | 12 711            | 335                 | 706           | 7 520           | 23 186                | 13 387                            | 36 713                             | D                                    |
| 333612     | Speed changer, industrial high-speed drive, and gear manufacturing .....  | 9              | 4                               | 3                         | 410                 | 9 695             | 286                 | 621           | 5 650           | 18 088                | 11 030                            | 29 267                             | 577                                  |
| 3339       | Other general purpose machinery manufacturing .....   | 1              | 62                              | 22                        | 1 841               | 86 401            | 980                 | 1 883         | 36 133          | 203 877               | 108 603                           | 317 433                            | 8 742                                |
| 33391      | Pump and compressor manufacturing .....   | —              | 8                               | 6                         | 527                 | 24 504            | 171                 | 313           | 5 834           | 62 356                | 21 932                            | 83 572                             | 4 092                                |
| 333912     | Air and gas compressor manufacturing .....  | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33399      | All other general purpose machinery manufacturing ....  | 1              | 44                              | 12                        | 1 118               | 52 570            | 664                 | 1 244         | 24 338          | 120 210               | 70 629                            | 196 325                            | 4 502                                |
| 333995     | Fluid power cylinder and actuator manufacturing ....  | 1              | 5                               | 4                         | 516                 | 24 119            | 331                 | 600           | 13 160          | 49 478                | 28 581                            | 82 343                             | 1 234                                |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....   | 2              | 26                              | 4                         | 340                 | 15 339            | 195                 | 371           | 5 829           | 40 231                | 22 889                            | 63 273                             | 2 924                                |
| 334        | Computer and electronic product manufacturing .....   | 1              | 275                             | 111                       | 17 221              | 848 977           | 9 206               | 17 462        | 336 449         | 2 072 312             | 1 519 458                         | 3 596 121                          | 125 750                              |
| 3341       | Computer and peripheral equipment manufacturing .....   | —              | 27                              | 6                         | 845                 | 34 645            | 572                 | 1 063         | 19 509          | 220 562               | 344 946                           | 573 300                            | D                                    |
| 33411      | Computer and peripheral equipment manufacturing ....  | —              | 27                              | 6                         | 845                 | 34 645            | 572                 | 1 063         | 19 509          | 220 562               | 344 946                           | 573 300                            | D                                    |
| 334119     | Other computer peripheral equipment manufacturing ..  | —              | 17                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3342       | Communications equipment manufacturing .....  | 2              | 50                              | 21                        | 4 698               | 248 801           | 2 032               | 3 944         | 75 980          | 567 388               | 585 919                           | 1 158 751                          | D                                    |
| 33421      | Telephone apparatus manufacturing .....   | 7              | 8                               | 3                         | 302                 | 14 856            | 137                 | 251           | 6 302           | 13 044                | 17 222                            | 42 793                             | D                                    |
| 334210     | Telephone apparatus manufacturing .....   | 7              | 8                               | 3                         | 302                 | 14 856            | 137                 | 251           | 6 302           | 13 044                | 17 222                            | 42 793                             | D                                    |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....                               | 3              | 26                              | 15                        | 2 885               | 164 528           | 1 333               | 2 616         | 51 552          | 265 472               | 354 363                           | 615 246                            | 12 114                               |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....                               | 3              | 26                              | 15                        | 2 885               | 164 528           | 1 333               | 2 616         | 51 552          | 265 472               | 354 363                           | 615 246                            | 12 114                               |
| 33429      | Other communications equipment manufacturing ....   | —              | 16                              | 3                         | 1 511               | 69 417            | 562                 | 1 077         | 18 126          | 288 872               | 214 334                           | 500 712                            | D                                    |
| 334290     | Other communications equipment manufacturing ..   | —              | 16                              | 3                         | 1 511               | 69 417            | 562                 | 1 077         | 18 126          | 288 872               | 214 334                           | 500 712                            | D                                    |

See footnotes at end of table.

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>                                    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Suffolk County-Nassau County, NY Metropolitan Division—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334        | Computer and electronic product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3344       | Semiconductor and other electronic component manufacturing .....  | 1              | 99                              | 46                        | 5 731               | 237 544           | 3 471               | 6 666         | 106 011         | 529 654               | 269 234                           | 807 039                            | 17 133                               |
| 33441      | Semiconductor and other electronic component manufacturing .....  | 1              | 99                              | 46                        | 5 731               | 237 544           | 3 471               | 6 666         | 106 011         | 529 654               | 269 234                           | 807 039                            | 17 133                               |
| 334412     | Bare printed circuit board manufacturing .....  | —              | 13                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413     | Semiconductor and related device manufacturing .....  | 1              | 19                              | 8                         | 1 143               | 55 223            | 647                 | 1 192         | 25 007          | 102 321               | 46 301                            | 150 410                            | 4 186                                |
| 334414     | Electronic capacitor manufacturing .....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 893                                  |
| 334416     | Electronic coil, transformer, and other inductor manufacturing .....  | 2              | 9                               | 5                         | 291                 | 9 197             | 238                 | 426           | 6 017           | 17 470                | 6 672                             | 23 820                             | D                                    |
| 334417     | Electronic connector manufacturing .....  | 1              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....  | 7              | 15                              | 6                         | 554                 | 17 302            | 365                 | 731           | 8 792           | 52 374                | 45 115                            | 97 528                             | 1 287                                |
| 334419     | Other electronic component manufacturing .....  | 1              | 31                              | 15                        | 1 169               | 59 693            | 707                 | 1 409         | 26 164          | 121 139               | 61 529                            | 184 064                            | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....                          | 1              | 80                              | 34                        | 5 491               | 314 095           | 2 724               | 4 849         | 124 098         | 731 786               | 303 346                           | 1 018 435                          | 46 270                               |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...                            | 1              | 80                              | 34                        | 5 491               | 314 095           | 2 724               | 4 849         | 124 098         | 731 786               | 303 346                           | 1 018 435                          | 46 270                               |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing ..... | —              | 14                              | 6                         | 2 181               | 153 442           | 1 249               | 2 043         | 76 207          | 381 703               | 121 561                           | 487 278                            | 31 499                               |
| 334515     | Instrument manufacturing for measuring and testing electricity and electrical signals .....                   | 3              | 11                              | 6                         | 1 007               | 37 128            | 423                 | 781           | 9 819           | 98 522                | 53 957                            | 155 036                            | 3 992                                |
| 334519     | Other measuring and controlling device manufacturing .....  | —              | 14                              | 9                         | 1 313               | 75 163            | 565                 | 1 055         | 24 236          | 137 436               | 66 581                            | 201 968                            | 5 537                                |
| 3346       | Manufacturing and reproducing magnetic and optical media.....   | 7              | 15                              | 3                         | 398                 | 11 870            | 362                 | 842           | 9 791           | 18 582                | 6 781                             | 25 213                             | 309                                  |
| 33461      | Manufacturing and reproducing magnetic and optical media...   | 7              | 15                              | 3                         | 398                 | 11 870            | 362                 | 842           | 9 791           | 18 582                | 6 781                             | 25 213                             | 309                                  |
| 334612     | Prerecorded compact disc (except software), tape, and record reproducing .....                                | 9              | 11                              | 2                         | 360                 | 10 096            | 345                 | 812           | 9 286           | 15 288                | 3 201                             | 18 427                             | 237                                  |
| 335        | Electrical equipment, appliance, and component manufacturing .....  | 4              | 97                              | 40                        | 3 281               | 133 919           | 2 153               | 4 227         | 66 063          | 330 487               | 280 706                           | 607 824                            | 12 923                               |
| 3351       | Electric lighting equipment manufacturing .....   | 3              | 25                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33512      | Lighting fixture manufacturing ..   | 3              | 25                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353       | Electrical equipment manufacturing .....  | 4              | 39                              | 16                        | 1 652               | 68 516            | 1 089               | 2 225         | 35 765          | 176 673               | 113 112                           | 287 117                            | 7 559                                |
| 33531      | Electrical equipment manufacturing .....  | 4              | 39                              | 16                        | 1 652               | 68 516            | 1 089               | 2 225         | 35 765          | 176 673               | 113 112                           | 287 117                            | 7 559                                |
| 335312     | Motor and generator manufacturing .....   | 1              | 6                               | 2                         | 266                 | 10 585            | 243                 | 536           | 8 917           | 29 202                | 4 044                             | 33 781                             | 136                                  |
| 335313     | Switchgear and switchboard apparatus manufacturing ...  | 3              | 9                               | 4                         | 483                 | 21 314            | 282                 | 511           | 9 228           | 68 565                | 53 512                            | 121 297                            | 2 667                                |
| 335314     | Relay and industrial control manufacturing .....  | 6              | 24                              | 10                        | 903                 | 36 617            | 564                 | 1 178         | 17 620          | 78 906                | 55 556                            | 132 039                            | 4 756                                |
| 3359       | Other electrical equipment and component manufacturing .....  | 4              | 32                              | 13                        | 972                 | 43 384            | 618                 | 1 136         | 18 438          | 104 053               | 133 021                           | 234 578                            | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....  | 7              | 16                              | 9                         | 508                 | 23 395            | 277                 | 508           | 7 691           | 65 641                | 52 947                            | 117 028                            | 2 309                                |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..                                   | 7              | 16                              | 9                         | 508                 | 23 395            | 277                 | 508           | 7 691           | 65 641                | 52 947                            | 117 028                            | 2 309                                |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Suffolk County-Nassau County, NY Metropolitan Division—Con.</b>            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336        | Transportation equipment manufacturing .....                                  | 1              | 120                             | 35                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 21 687                               |
| 3363       | Motor vehicle parts manufacturing .....                                       | 5              | 52                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 563                                |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing .....         | 6              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 662                                |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing .....   | 6              | 11                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364       | Aerospace product and parts manufacturing .....                               | 1              | 35                              | 18                        | 2 499               | 132 880           | 1 040               | 2 116         | 44 347          | 562 777               | 337 840                           | 893 031                            | 16 200                               |
| 33641      | Aerospace product and parts manufacturing .....                               | 1              | 35                              | 18                        | 2 499               | 132 880           | 1 040               | 2 116         | 44 347          | 562 777               | 337 840                           | 893 031                            | 16 200                               |
| 336411     | Aircraft manufacturing .....  | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412     | Aircraft engine and engine parts manufacturing .....                          | —              | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336413     | Other aircraft parts and auxiliary equipment manufacturing .....              | 4              | 24                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....                             | 3              | 329                             | 49                        | 4 108               | 139 053           | 3 017               | 5 885         | 84 612          | 287 520               | 205 650                           | 494 372                            | 6 207                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | 5              | 238                             | 20                        | 1 683               | 48 485            | 1 312               | 2 564         | 32 772          | 88 831                | 66 600                            | 154 830                            | 2 310                                |
| 33711      | Wood kitchen cabinet and countertop manufacturing .....                       | 4              | 145                             | 10                        | 981                 | 29 822            | 738                 | 1 429         | 19 541          | 51 437                | 33 393                            | 84 978                             | 1 313                                |
| 337110     | Wood kitchen cabinet and countertop manufacturing .....                       | 4              | 145                             | 10                        | 981                 | 29 822            | 738                 | 1 429         | 19 541          | 51 437                | 33 393                            | 84 978                             | 1 313                                |
| 33712      | Household and institutional furniture manufacturing .....                     | 6              | 93                              | 10                        | 702                 | 18 663            | 574                 | 1 135         | 13 231          | 37 394                | 33 207                            | 69 852                             | 997                                  |
| 337122     | Nonupholstered wood household furniture manufacturing .....                   | 6              | 57                              | 6                         | 438                 | 10 027            | 383                 | 756           | 8 166           | 21 368                | 18 477                            | 39 082                             | 547                                  |
| 3372       | Office furniture (including fixtures) manufacturing .....                     | 2              | 80                              | 26                        | 2 139               | 82 217            | 1 515               | 2 903         | 47 708          | 181 717               | 118 846                           | 302 228                            | 3 577                                |
| 33721      | Office furniture (including fixtures) manufacturing .....                     | 2              | 80                              | 26                        | 2 139               | 82 217            | 1 515               | 2 903         | 47 708          | 181 717               | 118 846                           | 302 228                            | 3 577                                |
| 337212     | Custom architectural woodwork and millwork manufacturing .....                | 2              | 33                              | 6                         | 629                 | 26 105            | 460                 | 893           | 16 317          | 70 501                | 43 040                            | 113 425                            | 1 517                                |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                 | 2              | 35                              | 18                        | 1 252               | 46 798            | 888                 | 1 612         | 26 243          | 89 853                | 61 760                            | 152 717                            | 1 690                                |
| 3379       | Other furniture related product manufacturing .....                           | 5              | 11                              | 3                         | 286                 | 8 351             | 190                 | 418           | 4 132           | 16 972                | 20 204                            | 37 314                             | 320                                  |
| 339        | Miscellaneous manufacturing .....   | 3              | 477                             | 93                        | 8 425               | 296 796           | 5 838               | 11 569        | 153 384         | 651 095               | 432 614                           | 1 076 204                          | 37 927                               |
| 3391       | Medical equipment and supplies manufacturing .....                            | 4              | 208                             | 40                        | 3 181               | 117 399           | 2 182               | 4 416         | 64 042          | 285 597               | 111 457                           | 396 768                            | 13 967                               |
| 33911      | Medical equipment and supplies manufacturing .....                            | 4              | 208                             | 40                        | 3 181               | 117 399           | 2 182               | 4 416         | 64 042          | 285 597               | 111 457                           | 396 768                            | 13 967                               |
| 339111     | Laboratory apparatus and furniture manufacturing .....                        | —              | 12                              | 5                         | 286                 | 12 519            | 171                 | 381           | 6 218           | 31 776                | 18 159                            | 49 726                             | D                                    |
| 339112     | Surgical and medical instrument manufacturing .....                           | 6              | 20                              | 9                         | 573                 | 23 923            | 341                 | 674           | 9 948           | 69 574                | 32 481                            | 101 948                            | 3 779                                |
| 339113     | Surgical appliance and supplies manufacturing .....                           | 4              | 31                              | 9                         | 919                 | 32 079            | 701                 | 1 492         | 19 399          | 84 969                | 30 757                            | 115 282                            | 2 985                                |
| 339115     | Ophthalmic goods manufacturing .....  | 3              | 13                              | 5                         | 341                 | 12 560            | 240                 | 474           | 6 112           | 36 392                | 12 920                            | 49 465                             | 1 514                                |
| 339116     | Dental laboratories .....   | 3              | 118                             | 11                        | 968                 | 32 593            | 658                 | 1 265         | 20 717          | 55 587                | 13 667                            | 69 262                             | 5 135                                |
| 3399       | Other miscellaneous manufacturing .....                                       | 2              | 269                             | 53                        | 5 244               | 179 397           | 3 656               | 7 153         | 89 342          | 365 498               | 321 157                           | 679 436                            | 23 960                               |
| 33991      | Jewelry and silverware manufacturing .....                                    | 2              | 49                              | 8                         | 530                 | 19 922            | 351                 | 708           | 11 062          | 47 471                | 57 580                            | 105 488                            | 4 086                                |
| 339911     | Jewelry (except costume) manufacturing .....                                  | 2              | 33                              | 8                         | 459                 | 17 282            | 305                 | 617           | 9 748           | 44 329                | 53 215                            | 97 530                             | D                                    |
| 33993      | Doll, toy, and game manufacturing .....                                       | 1              | 14                              | 2                         | 340                 | 10 679            | 205                 | 383           | 4 117           | 25 711                | 43 265                            | 68 332                             | D                                    |
| 339932     | Game, toy, and children's vehicle manufacturing .....                         | 1              | 12                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
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|            | <b>New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Suffolk County-Nassau County, NY Metropolitan Division—Con.</b>            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339        | Miscellaneous manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3399       | Other miscellaneous manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33994      | Office supplies (except paper) manufacturing .....                            | —              | 11                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339941     | Pen and mechanical pencil manufacturing .....                                 | —              | 4                               | 3                         |                     | 392               | 11 914              | 314           | 635             | 7 759                 | 26 180                            | 21 840                             | 48 097                               |
| 33995      | Sign manufacturing .....  | 4              | 97                              | 17                        | 1 309               | 47 108            | 861                 | 1 688         | 23 435          | 90 286                | 63 227                            | 150 034                            | 7 301                                |
| 339950     | Sign manufacturing .....  | 4              | 97                              | 17                        | 1 309               | 47 108            | 861                 | 1 688         | 23 435          | 90 286                | 63 227                            | 150 034                            | 7 301                                |
| 33999      | All other miscellaneous manufacturing .....                                   | 2              | 82                              | 20                        | 2 483               | 82 271            | 1 823               | 3 555         | 40 333          | 162 907               | 111 210                           | 270 883                            | 5 532                                |
| 339992     | Musical instrument manufacturing .....  | —              | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339999     | All other miscellaneous manufacturing .....                                   | 2              | 61                              | 16                        | 1 640               | 55 826            | 1 134               | 2 258         | 24 880          | 102 924               | 81 862                            | 182 584                            | 3 956                                |
|            | <b>Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area</b>     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | —              | 550                             | 155                       | 27 902              | 1 523 566         | 11 818              | 23 582        | 381 709         | 4 078 517             | 2 732 622                         | 6 775 156                          | 284 363                              |
| 311        | Food manufacturing .....  | 3              | 38                              | 10                        | 493                 | 15 512            | 365                 | 697           | 10 274          | 52 159                | 106 190                           | 158 409                            | 3 577                                |
| 312        | Beverage and tobacco product manufacturing .....                              | 9              | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3121       | Beverage manufacturing .....  | 9              | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211      | Soft drink and ice manufacturing .....  | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111     | Soft drink manufacturing .....  | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314        | Textile product mills .....   | 4              | 12                              | 5                         | 261                 | 6 180             | 183                 | 356           | 3 430           | 12 173                | 11 001                            | 22 910                             | D                                    |
| 315        | Apparel manufacturing .....   | 4              | 21                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 201                                  |
| 3152       | Cut and sew apparel manufacturing .....                                       | 5              | 18                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....  | 1              | 31                              | 8                         | 707                 | 23 142            | 528                 | 975           | 13 006          | 60 657                | 61 100                            | 120 150                            | 1 383                                |
| 3219       | Other wood product manufacturing .....  | 2              | 25                              | 5                         | 558                 | 16 768            | 427                 | 763           | 10 015          | 45 383                | 31 966                            | 77 281                             | 1 063                                |
| 32199      | All other wood product manufacturing .....                                    | 2              | 7                               | 3                         | 437                 | 13 037            | 336                 | 608           | 7 840           | 37 890                | 27 539                            | 65 381                             | 901                                  |
| 321992     | Prefabricated wood building manufacturing .....                               | 3              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | 1              | 15                              | 7                         | 690                 | 22 219            | 555                 | 1 058         | 16 335          | 42 407                | 71 541                            | 120 035                            | 1 865                                |
| 3222       | Converted paper product manufacturing .....                                   | 1              | 14                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32222      | Paper bag and coated and treated paper manufacturing ..                       | 1              | 6                               | 2                         | 328                 | 12 826            | 271                 | 422           | 8 930           | 17 326                | 48 963                            | 72 398                             | 1 015                                |
| 323        | Printing and related support activities .....                                 | 2              | 58                              | 7                         | 638                 | 18 658            | 490                 | 783           | 12 600          | 36 243                | 23 239                            | 59 192                             | 3 539                                |
| 3231       | Printing and related support activities .....                                 | 2              | 58                              | 7                         | 638                 | 18 658            | 490                 | 783           | 12 600          | 36 243                | 23 239                            | 59 192                             | 3 539                                |
| 32311      | Printing .....  | 2              | 55                              | 7                         | 635                 | 18 513            | 488                 | 780           | 12 524          | 35 951                | 23 184                            | 58 845                             | D                                    |
| 323110     | Commercial lithographic printing .....  | 2              | 26                              | 5                         | 456                 | 11 766            | 364                 | 523           | 8 168           | 25 090                | 15 788                            | 40 610                             | 942                                  |
| 325        | Chemical manufacturing .....  | 5              | 21                              | 10                        | 994                 | 45 892            | 498                 | 1 052         | 20 776          | 163 056               | 146 717                           | 308 234                            | 15 225                               |
| 3251       | Basic chemical manufacturing ...  | 5              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 9 997                                |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing .               | 6              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32562      | Toilet preparation manufacturing .....  | 6              | 6                               | 3                         | 365                 | 16 487            | 176                 | 349           | 5 652           | 65 343                | 41 524                            | 105 992                            | D                                    |
| 325620     | Toilet preparation manufacturing .....  | 6              | 6                               | 3                         | 365                 | 16 487            | 176                 | 349           | 5 652           | 65 343                | 41 524                            | 105 992                            | D                                    |
| 3259       | Other chemical product and preparation manufacturing .....                    | 2              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32599      | All other chemical product and preparation manufacturing ...                  | 2              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>                    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area—Con.</b>                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326        | Plastics and rubber products manufacturing .....   | 1              | 23                              | 12                        | 1 370               | 49 670            | 1 003               | 2 063         | 29 640          | 120 664               | 118 748                           | 244 181                            | 6 592                                |
| 3261       | Plastics product manufacturing ..  | —              | 18                              | 8                         | 882                 | 31 201            | 645                 | 1 303         | 18 922          | 84 768                | 77 525                            | 166 314                            | 4 810                                |
| 32619      | Other plastics product manufacturing .....   | —              | 13                              | 4                         | 433                 | 16 745            | 344                 | 689           | 10 952          | 33 099                | 35 199                            | 73 042                             | 1 730                                |
| 326192     | Resilient floor covering manufacturing .....   | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...   | 3              | 5                               | 4                         | 488                 | 18 469            | 358                 | 760           | 10 718          | 35 896                | 41 223                            | 77 867                             | 1 782                                |
| 32629      | Other rubber product manufacturing .....   | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299     | All other rubber product manufacturing .....   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....  | 4              | 33                              | 11                        | 676                 | 25 480            | 464                 | 918           | 15 079          | 69 106                | 41 812                            | 106 525                            | 4 337                                |
| 3273       | Cement and concrete product manufacturing .....  | 5              | 15                              | 7                         | 352                 | 13 137            | 252                 | 526           | 8 314           | 44 897                | 25 863                            | 66 872                             | 2 618                                |
| 331        | Primary metal manufacturing .....  | —              | 4                               | 3                         | 355                 | 15 746            | 257                 | 568           | 10 425          | 32 776                | 107 646                           | 141 241                            | D                                    |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                               | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....    | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331492     | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)..... | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....   | —              | '90                             | '20                       | '1 648              | '65 620           | '1 168              | '2 430        | '41 603         | '212 355              | '237 775                          | '453 134                           | '14 671                              |
| 3324       | Boiler, tank, and shipping container manufacturing .....   | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....                      | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332431     | Metal can manufacturing ....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3329       | Other fabricated metal product manufacturing .....   | —              | 11                              | 5                         | 499                 | 16 299            | 347                 | 739           | 9 503           | 40 342                | 19 596                            | 60 468                             | 1 545                                |
| 33299      | All other fabricated metal product manufacturing .....   | —              | 8                               | 4                         | 337                 | 9 809             | 270                 | 596           | 6 690           | 17 978                | 10 548                            | 28 798                             | 1 106                                |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                             | —              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....  | —              | '33                             | '15                       | '923                | '35 746           | '568                | '1 080        | '19 549         | '107 405              | '70 923                           | '183 879                           | '6 813                               |
| 3332       | Industrial machinery manufacturing .....   | —              | 11                              | 6                         | 390                 | 14 902            | 200                 | 344           | 6 289           | 55 980                | 45 952                            | 108 752                            | 3 581                                |
| 33329      | Other industrial machinery manufacturing .....   | —              | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....  | —              | 24                              | 9                         | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344       | Semiconductor and other electronic component manufacturing .....                                 | —              | 12                              | 7                         | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441      | Semiconductor and other electronic component manufacturing .....                                 | —              | 12                              | 7                         | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334412     | Bare printed circuit board manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413     | Semiconductor and related device manufacturing .....   | —              | 2                               | 2                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....                               | —              | 2                               | 2                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code   | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335  | Electrical equipment, appliance, and component manufacturing .....                      | 3  | 23                              | 13                        | 992                 | 37 410            | 717                 | 1 527         | 22 226          | 90 469                | 113 647                           | 202 414                            | 14 550                               |
| 3351   | Electric lighting equipment manufacturing .....   | —  | 11                              | 8                         | 413                 | 13 056            | 300                 | 635           | 7 530           | 30 772                | 24 347                            | 52 916                             | D                                    |
| 33512  | Lighting fixture manufacturing ..   | —  | 10                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335122   | Commercial, industrial, and institutional electric lighting fixture manufacturing ..... | —  | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359   | Other electrical equipment and component manufacturing .....                            | 4  | 7                               | 5                         | 554                 | 23 624            | 397                 | 854           | 14 168          | 57 694                | 87 653                            | 145 848                            | D                                    |
| 33592  | Communication and energy wire and cable manufacturing ..                                | 6  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 318                                |
| 335929   | Other communication and energy wire manufacturing ..                                    | 6  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 318                                |
| 337  | Furniture and related product manufacturing .....                                       | 4  | 33                              | 8                         | 478                 | 14 482            | 379                 | 792           | 9 874           | 23 425                | 19 028                            | 42 274                             | D                                    |
| 3371   | Household and institutional furniture and kitchen cabinet manufacturing .....           | 5  | 25                              | 4                         | 290                 | 8 061             | 232                 | 459           | 5 846           | 13 796                | 11 854                            | 25 521                             | D                                    |
| 339  | Miscellaneous manufacturing .....   | 4  | 54                              | 5                         | 519                 | 16 005            | 405                 | 791           | 10 292          | 33 785                | 15 939                            | 49 758                             | 6 760                                |
| 3399   | Other miscellaneous manufacturing .....   | 4  | 29                              | 4                         | 349                 | 10 576            | 273                 | 539           | 6 582           | 20 976                | 11 950                            | 32 946                             | D                                    |
| 33999  | All other miscellaneous manufacturing .....   | 3  | 12                              | 3                         | 268                 | 8 286             | 216                 | 458           | 5 386           | 16 411                | 7 876                             | 24 276                             | 211                                  |
| <b>Torrington, CT Micropolitan Statistical Area</b>                            |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | 1  | 422                             | 127                       | 14 173              | 523 786           | 9 732               | 18 288        | 319 013         | 1 567 864             | 1 141 888                         | 2 712 126                          | 79 131                               |
| 311  | Food manufacturing .....  | 5  | 21                              | 4                         | 859                 | 29 123            | 636                 | 943           | 16 943          | 90 360                | 91 352                            | 170 420                            | 3 695                                |
| 3119   | Other food manufacturing .....  | 5  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31194  | Seasoning and dressing manufacturing .....  | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311942   | Spice and extract manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322  | Paper manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3221   | Pulp, paper, and paperboard mills .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212  | Paper mills .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121   | Paper (except newsprint) mills .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323  | Printing and related support activities .....   | 8  | 25                              | 5                         | 575                 | 18 114            | 359                 | 716           | 8 944           | 46 546                | 26 530                            | 73 025                             | 2 535                                |
| 3231   | Printing and related support activities .....   | 8  | 25                              | 5                         | 575                 | 18 114            | 359                 | 716           | 8 944           | 46 546                | 26 530                            | 73 025                             | 2 535                                |
| 32311  | Printing .....  | 8  | 25                              | 5                         | 575                 | 18 114            | 359                 | 716           | 8 944           | 46 546                | 26 530                            | 73 025                             | 2 535                                |
| 323119   | Other commercial printing ..  | 9  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326  | Plastics and rubber products manufacturing .....  | —  | 19                              | 9                         | 1 089               | 33 724            | 877                 | 1 794         | 21 028          | 82 305                | 77 237                            | 160 103                            | 17 220                               |
| 3261   | Plastics product manufacturing ..   | —  | 19                              | 9                         | 1 089               | 33 724            | 877                 | 1 794         | 21 028          | 82 305                | 77 237                            | 160 103                            | 17 220                               |
| 32619  | Other plastics product manufacturing .....  | —  | 14                              | 5                         | 923                 | 28 782            | 756                 | 1 566         | 18 777          | 70 615                | 69 301                            | 141 395                            | 16 450                               |
| 326199   | All other plastics product manufacturing .....  | —  | 14                              | 5                         | 923                 | 28 782            | 756                 | 1 566         | 18 777          | 70 615                | 69 301                            | 141 395                            | 16 450                               |
| 332  | Fabricated metal product manufacturing .....  | 2  | 133                             | 44                        | 4 469               | 161 447           | 2 903               | 5 691         | 101 303         | 326 274               | 285 652                           | 612 598                            | 16 029                               |
| 3321   | Forging and stamping.....   | 1  | 23                              | 8                         | 1 072               | 48 822            | 847                 | 1 696         | 34 998          | 88 874                | 91 929                            | 181 435                            | 7 541                                |
| 33211  | Forging and stamping.....   | 1  | 23                              | 8                         | 1 072               | 48 822            | 847                 | 1 696         | 34 998          | 88 874                | 91 929                            | 181 435                            | 7 541                                |
| 332116   | Metal stamping .....  | 2  | 20                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327   | Machine shops; turned product; and screw, nut, and bolt manufacturing .....             | 5  | 66                              | 17                        | 1 648               | 49 766            | 666                 | 1 276         | 23 110          | 82 418                | 109 686                           | 192 426                            | 3 745                                |
| 33271  | Machine shops .....   | 7  | 44                              | 8                         | 1 177               | 33 169            | 309                 | 634           | 11 715          | 49 340                | 95 603                            | 145 271                            | 2 730                                |
| 332710   | Machine shops .....   | 7  | 44                              | 8                         | 1 177               | 33 169            | 309                 | 634           | 11 715          | 49 340                | 95 603                            | 145 271                            | 2 730                                |
| 33272  | Turned product and screw, nut, and bolt manufacturing .....                             | 1  | 22                              | 9                         | 471                 | 16 597            | 357                 | 642           | 11 395          | 33 078                | 14 083                            | 47 155                             | 1 015                                |
| 332721   | Precision turned product manufacturing .....  | 1  | 16                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| NAICS code | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Torrington, CT Micropolitan Statistical Area—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3328       | Coating, engraving, heat treating, and allied activities .....   | —              | 10                              | 6                         | 661                 | 22 609            | 528                 | 1 050         | 14 909          | 49 039                | 25 278                            | 74 362                             | D                                    |
| 33281      | Coating, engraving, heat treating, and allied activities ..  | —              | 10                              | 6                         | 661                 | 22 609            | 528                 | 1 050         | 14 909          | 49 039                | 25 278                            | 74 362                             | D                                    |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....  | —              | 6                               | 5                         | 622                 | 21 536            | 502                 | 1 006         | 14 210          | 46 975                | 24 698                            | 71 718                             | 1 187                                |
| 3329       | Other fabricated metal product manufacturing .....   | 2              | 14                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 781                                |
| 33299      | All other fabricated metal product manufacturing .....   | 2              | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332991     | Ball and roller bearing manufacturing .....  | 2              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....  | 2              | 60                              | 14                        | 871                 | 35 021            | 515                 | 920           | 17 529          | 86 759                | 54 972                            | 139 328                            | 3 396                                |
| 3332       | Industrial machinery manufacturing .....   | 3              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....  | —              | 19                              | 9                         | 823                 | 34 764            | 398                 | 626           | 12 407          | 67 896                | 47 594                            | 117 019                            | 1 769                                |
| 3344       | Semiconductor and other electronic component manufacturing .....   | —              | 8                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 915                                  |
| 33441      | Semiconductor and other electronic component manufacturing .....   | —              | 8                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 915                                  |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —              | 9                               | 3                         | 409                 | 18 196            | 188                 | 225           | 6 542           | 42 273                | 19 360                            | 61 213                             | D                                    |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | —              | 9                               | 3                         | 409                 | 18 196            | 188                 | 225           | 6 542           | 42 273                | 19 360                            | 61 213                             | D                                    |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....   | 1              | 14                              | 8                         | 1 100               | 34 317            | 668                 | 927           | 13 779          | 86 800                | 54 608                            | 148 310                            | 3 280                                |
| 3353       | Electrical equipment manufacturing .....   | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531      | Electrical equipment manufacturing .....   | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335312     | Motor and generator manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359       | Other electrical equipment and component manufacturing .....   | 1              | 8                               | 4                         | 654                 | 22 231            | 304                 | 530           | 6 375           | 67 978                | 42 345                            | 117 606                            | 2 739                                |
| 33593      | Wiring device manufacturing ...  | —              | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931     | Current-carrying wiring device manufacturing .....   | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....   | —              | 10                              | 4                         | 866                 | 26 762            | 682                 | 1 180         | 18 825          | 72 962                | 43 474                            | 119 889                            | D                                    |
| 3363       | Motor vehicle parts manufacturing .....  | —              | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33635      | Motor vehicle transmission and power train parts manufacturing .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336350     | Motor vehicle transmission and power train parts manufacturing .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....  | 5              | 24                              | 3                         | 264                 | 7 967             | 197                 | 407           | 5 707           | 13 368                | 9 570                             | 23 211                             | 486                                  |
| 339        | Miscellaneous manufacturing .....  | 1              | 36                              | 11                        | 1 484               | 55 617            | 1 121               | 2 362         | 40 096          | 280 578               | 85 192                            | 366 811                            | 5 748                                |
| 3391       | Medical equipment and supplies manufacturing .....   | —              | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 874                                |
| 33911      | Medical equipment and supplies manufacturing .....   | —              | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 874                                |
| 339112     | Surgical and medical instrument manufacturing ..   | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Torrington, CT Micropolitan Statistical Area—Con.</b>  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 339        | Miscellaneous manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3399       | Other miscellaneous manufacturing .....   | 4                               | 27    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | 874                                  |                 |
| 33992      | Sporting and athletic goods manufacturing .....   | 9                               | 3     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339920     | Sporting and athletic goods manufacturing .....   | 9                               | 3     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33999      | All other miscellaneous manufacturing .....   | —                               | 15    | 5                         | 312                 | 11 879             | 238                 | 484           | 7 842                 | 18 940                            | 14 673                             | 33 586                               | D               |
|            | <b>Trenton-Ewing, NJ Metropolitan Statistical Area</b>  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33      | Manufacturing .....   | 1                               | 315   | 93                        | 8 600               | 352 573            | 5 870               | 11 514        | 197 453               | 1 457 405                         | 913 720                            | 2 380 418                            | 57 202          |
| 311        | Food manufacturing .....  | 3                               | 37    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 481           |
| 3118       | Bakeries and tortilla manufacturing .....   | 2                               | 23    | 3                         | 255                 | 3 829              | 178                 | 206           | 2 038                 | 6 826                             | 4 075                              | 11 450                               | 320             |
| 31181      | Bread and bakery product manufacturing .....  | 2                               | 23    | 3                         | 255                 | 3 829              | 178                 | 206           | 2 038                 | 6 826                             | 4 075                              | 11 450                               | 320             |
| 312        | Beverage and tobacco product manufacturing .....  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3121       | Beverage manufacturing .....  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31211      | Soft drink and ice manufacturing .....  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312111     | Soft drink manufacturing .....  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 321        | Wood product manufacturing .....  | —                               | 7     | 2                         | 313                 | 11 542             | 235                 | 476           | 7 805                 | 27 853                            | 12 244                             | 39 990                               | D               |
| 3212       | Veneer, plywood, and engineered wood product manufacturing .....  | —                               | 2     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....  | —                               | 2     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 323        | Printing and related support activities .....   | 1                               | 56    | 16                        | 1 221               | 51 879             | 811                 | 1 641         | 30 972                | 102 684                           | 117 808                            | 221 346                              | 6 805           |
| 3231       | Printing and related support activities .....   | 1                               | 56    | 16                        | 1 221               | 51 879             | 811                 | 1 641         | 30 972                | 102 684                           | 117 808                            | 221 346                              | 6 805           |
| 32311      | Printing .....  | 1                               | 49    | 14                        | 1 027               | 45 016             | 654                 | 1 340         | 26 167                | 91 894                            | 111 836                            | 204 874                              | 6 492           |
| 323110     | Commercial lithographic printing .....  | 1                               | 22    | 10                        | 525                 | 23 876             | 328                 | 647           | 13 794                | 46 947                            | 89 607                             | 137 435                              | 3 853           |
| 325        | Chemical manufacturing .....  | —                               | 15    | 7                         | 817                 | 33 807             | 502                 | 1 060         | 15 445                | 428 214                           | 224 323                            | 657 241                              | 10 511          |
| 3254       | Pharmaceutical and medicine manufacturing .....   | —                               | 7     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32541      | Pharmaceutical and medicine manufacturing .....   | —                               | 7     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 325412     | Pharmaceutical preparation manufacturing .....  | —                               | 6     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 326        | Plastics and rubber products manufacturing .....  | 1                               | 22    | 11                        | 1 005               | 40 303             | 766                 | 1 601         | 29 249                | 131 055                           | 88 952                             | 223 192                              | 4 030           |
| 3261       | Plastics product manufacturing .....  | 1                               | 15    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32619      | Other plastics product manufacturing .....  | —                               | 11    | 6                         | 754                 | 32 478             | 586                 | 1 223         | 24 518                | 102 511                           | 62 077                             | 167 411                              | 2 802           |
| 326192     | Resilient floor covering manufacturing .....  | —                               | 3     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 326199     | All other plastics product manufacturing .....  | 2                               | 8     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 327        | Nonmetallic mineral product manufacturing .....   | 5                               | 11    | 6                         | 295                 | 9 132              | 225                 | 483           | 6 831                 | 18 602                            | 10 981                             | 29 728                               | D               |
| 332        | Fabricated metal product manufacturing .....  | 6                               | 37    | 7                         | 573                 | 23 831             | 431                 | 864           | 16 031                | 50 895                            | 31 999                             | 82 952                               | 3 568           |
| 333        | Machinery manufacturing .....   | —                               | 27    | 11                        | 1 881               | 76 162             | 1 288               | 2 428         | 40 087                | 271 741                           | 197 084                            | 469 972                              | 9 436           |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —                               | 3     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —                               | 3     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | —                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

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|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.</b>        |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Trenton-Ewing, NJ Metropolitan Statistical Area—Con.</b>                          |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 333        | Machinery manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3339       | Other general purpose machinery manufacturing .....                                  | —                               | 8     | 4                         | 514                 | 29 366             | 235                 | 453           | 9 629                 | 50 860                            | 51 438                             | 104 848                              | D               |
| 33391      | Pump and compressor manufacturing .....  | —                               | 2     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333912     | Air and gas compressor manufacturing .....   | —                               | 2     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334        | Computer and electronic product manufacturing .....                                  | 1                               | 31    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3344       | Semiconductor and other electronic component manufacturing .....                     | 3                               | 8     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33441      | Semiconductor and other electronic component manufacturing .....                     | 3                               | 8     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —                               | 15    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —                               | 15    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339        | Miscellaneous manufacturing .....  | 3                               | 30    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA</b>           |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33      | Manufacturing .....  | 1                               | 6 808 | 2 183                     | 262 470             | 11 398 008         | 174 038             | 348 283       | 6 190 283             | 43 140 611                        | 51 329 509                         | 94 451 994                           | 2 323 028       |
| 311        | Food manufacturing .....   | 2                               | 582   | 180                       | 25 112              | 860 156            | 17 395              | 34 648        | 509 581               | 3 483 764                         | 3 924 305                          | 7 401 557                            | 146 547         |
| 3111       | Animal food manufacturing .....  | 4                               | 15    | 7                         | 625                 | 26 228             | 410                 | 876           | 15 201                | 110 691                           | 131 253                            | 240 278                              | 5 024           |
| 31111      | Animal food manufacturing .....  | 4                               | 15    | 7                         | 625                 | 26 228             | 410                 | 876           | 15 201                | 110 691                           | 131 253                            | 240 278                              | 5 024           |
| 311119     | Other animal food manufacturing .....  | 7                               | 10    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3113       | Sugar and confectionery product manufacturing .....                                  | 5                               | 56    | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31132      | Chocolate and confectionery manufacturing from cacao beans .....                     | 5                               | 13    | 7                         | 533                 | 19 207             | 401                 | 759           | 14 496                | 124 954                           | 225 096                            | 348 428                              | D               |
| 311320     | Chocolate and confectionery manufacturing from cacao beans .....                     | 5                               | 13    | 7                         | 533                 | 19 207             | 401                 | 759           | 14 496                | 124 954                           | 225 096                            | 348 428                              | D               |
| 31133      | Confectionery manufacturing from purchased chocolate .....                           | 7                               | 30    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311330     | Confectionery manufacturing from purchased chocolate .....                           | 7                               | 30    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31134      | Nonchocolate confectionery manufacturing .....                                       | 4                               | 13    | 3                         | 293                 | 7 634              | 215                 | 464           | 5 502                 | 20 730                            | 11 901                             | 33 149                               | 384             |
| 311340     | Nonchocolate confectionery manufacturing .....                                       | 4                               | 13    | 3                         | 293                 | 7 634              | 215                 | 464           | 5 502                 | 20 730                            | 11 901                             | 33 149                               | 384             |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....                | 1                               | 25    | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31141      | Frozen food manufacturing .....  | —                               | 6     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311412     | Frozen specialty food manufacturing .....  | —                               | 6     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31142      | Fruit and vegetable canning, pickling, and drying .....                              | 2                               | 19    | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311421     | Fruit and vegetable canning .....  | 4                               | 14    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311422     | Specialty canning .....  | —                               | 4     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3115       | Dairy product manufacturing .....  | 2                               | 33    | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31151      | Dairy product (except frozen) manufacturing .....                                    | 2                               | 24    | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311511     | Fluid milk manufacturing .....   | 2                               | 13    | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3116       | Animal slaughtering and processing .....   | —                               | 62    | 40                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31161      | Animal slaughtering and processing .....   | —                               | 62    | 40                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311611     | Animal (except poultry) slaughtering .....   | —                               | 20    | 11                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311612     | Meat processed from carcasses .....  | —                               | 26    | 18                        | 1 488               | 51 263             | 1 109               | 2 179         | 30 411                | 123 785                           | 311 814                            | 436 920                              | 12 431          |
| 311615     | Poultry processing .....   | 1                               | 13    | 10                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

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|---|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|   |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b> |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 311   | Food manufacturing—Con.                                     |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3117  | Seafood product preparation and packaging .....             | 3                               | 10    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 31171   | Seafood product preparation and packaging .....             | 3                               | 10    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3118  | Bakeries and tortilla manufacturing .....                   | 1                               | '322  | '66                       | '8 907              | '306 807           | '5 435              | '10 336       | '175 691              | '1 176 023                        | '560 525                           | '1 724 277                           | D               |
| 31181   | Bread and bakery product manufacturing .....                | 1                               | '297  | '54                       | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311811  | Retail bakeries .....                                       | '5                              | '217  | '25                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311812  | Commercial bakeries .....                                   | —                               | 70    | 27                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311813  | Frozen cakes, pies, and other pastries manufacturing .....  | 1                               | 10    | 2                         | 565                 | 21 603             | 498                 | 915           | 17 354                | 95 761                            | 73 638                             | 170 025                              | 2 752           |
| 31182   | Cookie, cracker, and pasta manufacturing .....              | 1                               | 25    | 12                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311821  | Cookie and cracker manufacturing .....                      | —                               | 8     | 3                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3119  | Other food manufacturing .....                              | 3                               | 57    | 18                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31191   | Snack food manufacturing .....                              | —                               | 8     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311919  | Other snack food manufacturing .....                        | —                               | 6     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31194   | Seasoning and dressing manufacturing .....                  | 4                               | 13    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 445           |
| 311942  | Spice and extract manufacturing .....                       | 5                               | 8     | 4                         | 439                 | 26 622             | 258                 | 556           | 10 641                | 71 931                            | 37 081                             | 109 215                              | 2 048           |
| 31199   | All other food manufacturing .....                          | 5                               | 32    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311991  | Perishable prepared food manufacturing .....                | 1                               | 14    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311999  | All other miscellaneous food manufacturing .....            | 6                               | 18    | 3                         | 584                 | 24 409             | 426                 | 916           | 14 623                | 114 784                           | 79 262                             | 194 323                              | D               |
| 312   | Beverage and tobacco product manufacturing .....            | 1                               | 46    | 11                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3121  | Beverage manufacturing .....                                | 1                               | 36    | 10                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31211   | Soft drink and ice manufacturing .....                      | —                               | 22    | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 37 499          |
| 312111  | Soft drink manufacturing .....                              | —                               | 10    | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3122  | Tobacco manufacturing .....                                 | —                               | 10    | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31222   | Tobacco product manufacturing .....                         | —                               | 10    | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312229  | Other tobacco product manufacturing .....                   | —                               | 10    | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313   | Textile mills .....   | 2                               | 78    | 34                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3131  | Fiber, yarn, and thread mills .....                         | 5                               | 10    | 6                         | 269                 | 6 206              | 224                 | 453           | 4 500                 | 10 149                            | 28 470                             | 38 711                               | D               |
| 31311   | Fiber, yarn, and thread mills .....                         | 5                               | 10    | 6                         | 269                 | 6 206              | 224                 | 453           | 4 500                 | 10 149                            | 28 470                             | 38 711                               | D               |
| 3132  | Fabric mills .....  | 1                               | 35    | 19                        | 1 905               | 57 512             | 1 360               | 2 729         | 33 491                | 147 798                           | 90 499                             | 235 011                              | D               |
| 31321   | Broadwoven fabric mills .....                               | 4                               | 11    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 764           |
| 313210  | Broadwoven fabric mills .....                               | 4                               | 11    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 764           |
| 31322   | Narrow fabric mills and schiffli machine embroidery .....   | —                               | 9     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313221  | Narrow fabric mills .....                                   | —                               | 8     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 769           |
| 31323   | Nonwoven fabric mills .....                                 | 1                               | 12    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313230  | Nonwoven fabric mills .....                                 | 1                               | 12    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3133  | Textile and fabric finishing and fabric coating mills ..... | 1                               | 33    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31331   | Textile and fabric finishing mills .....                    | 2                               | 28    | 9                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313311  | Broadwoven fabric finishing mills .....                     | 2                               | 19    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314   | Textile product mills .....                                 | 4                               | '129  | '29                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3141  | Textile furnishings mills .....                             | 4                               | 51    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31412   | Curtain and linen mills .....                               | 3                               | 47    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314121  | Curtain and drapery mills .....                             | 4                               | 31    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3149  | Other textile product mills .....                           | 4                               | '78   | '21                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31491   | Textile bag and canvas mills .....                          | 3                               | '26   | '6                        | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314912  | Canvas and related product mills .....                      | 3                               | '24   | '5                        | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31499   | All other textile product mills .....                       | 4                               | 52    | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314999  | All other miscellaneous textile product mills .....         | 5                               | 46    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

See footnotes at end of table.

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|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b> |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315        | Apparel manufacturing .....   | 1  | 249                             | 73                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152       | Cut and sew apparel manufacturing .....   | —  | 194                             | 62                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31521      | Cut and sew apparel contractors .....   | 6  | 100                             | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315211     | Men's and boys' cut and sew apparel contractors .....                           | 7  | 26                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....             | 4  | 74                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 321                                  |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                         | 3  | 33                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315222     | Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....        | —  | 12                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315223     | Men's and boys' cut and sew shirt (except work shirt) manufacturing .....       | 7  | 5                               | 4                         | 313                 | 7 603             | 236                 | 417           | 4 835           | 32 729                | 33 027                            | 65 793                             | D                                    |
| 315228     | Men's and boys' cut and sew other outerwear manufacturing .....                 | 4  | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                      | —  | 40                              | 16                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 16 174                               |
| 315232     | Women's and girls' cut and sew blouse and shirt manufacturing .....             | —  | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315233     | Women's and girls' cut and sew dress manufacturing .....                        | 3  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239     | Women's and girls' cut and sew other outerwear manufacturing .....              | —  | 18                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31529      | Other cut and sew apparel manufacturing .....                                   | 1  | 21                              | 6                         | 806                 | 17 468            | 638                 | 1 148         | 10 312          | 35 819                | 19 697                            | 55 864                             | D                                    |
| 315299     | All other cut and sew apparel manufacturing .....                               | 1  | 18                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3159       | Apparel accessories and other apparel manufacturing .....                       | 4  | 41                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31599      | Apparel accessories and other apparel manufacturing .....                       | 4  | 41                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315999     | Other apparel accessories and other apparel manufacturing .....                 | 3  | 33                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 501                                  |
| 321        | Wood product manufacturing .....  | 3  | 153                             | 35                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3212       | Veneer, plywood, and engineered wood product manufacturing .....                | 3  | 16                              | 11                        | 981                 | 29 821            | 803                 | 1 267         | 19 022          | 55 530                | 51 916                            | 107 087                            | D                                    |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....                | 3  | 16                              | 11                        | 981                 | 29 821            | 803                 | 1 267         | 19 022          | 55 530                | 51 916                            | 107 087                            | D                                    |
| 321214     | Truss manufacturing .....   | 3  | 11                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....  | 4  | 125                             | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork .....  | 5  | 52                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321911     | Wood window and door manufacturing .....  | 2  | 20                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321918     | Other millwork (including flooring) .....                                       | 6  | 28                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32192      | Wood container and pallet manufacturing .....                                   | 1  | 34                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321920     | Wood container and pallet manufacturing .....                                   | 1  | 34                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing .....                                      | 5  | 39                              | 5                         | 400                 | 11 630            | 314                 | 636           | 7 836           | 31 595                | 21 721                            | 53 133                             | D                                    |
| 321999     | All other miscellaneous wood product manufacturing .....                        | 7  | 29                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | 1  | 147                             | 93                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3221       | Pulp, paper, and paperboard mills .....   | —  | 12                              | 7                         | 1 546               | 96 061            | 1 288               | 2 804         | 78 971          | 447 221               | 457 845                           | 913 089                            | D                                    |
| 32212      | Paper mills .....   | —  | 7                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills .....  | —  | 7                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32213      | Paperboard mills .....  | 4  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322130     | Paperboard mills .....  | 4  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....                                     | 1  | 135                             | 86                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221      | Paperboard container manufacturing .....  | 1  | 68                              | 49                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322211     | Corrugated and solid fiber box manufacturing .....                              | —  | 38                              | 31                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322212     | Folding paperboard box manufacturing .....                                      | 3  | 20                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322214     | Fiber can, tube, drum, and similar products manufacturing .....                 | 1  | 5                               | 4                         | 292                 | 9 909             | 219                 | 441           | 6 428           | 30 140                | 15 582                            | 45 132                             | D                                    |

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|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
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| 322        | Paper manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3222       | Converted paper product manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32222      | Paper bag and coated and treated paper manufacturing . . .                                     | 4  | 27                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 12 993                               |
| 322222     | Coated and laminated paper manufacturing . . . . .   | 5  | 19                              | 12                        | 1 285               | 62 869            | 826                 | 1 732         | 33 093          | 147 360               | 185 526                           | 330 199                            | 7 952                                |
| 322223     | Plastics, foil, and coated paper bag manufacturing . . .                                       | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223      | Stationery product manufacturing . . . . .   | 1  | 22                              | 9                         | 1 014               | 42 461            | 741                 | 1 531         | 29 224          | 80 972                | 108 141                           | 189 270                            | D                                    |
| 322231     | Die-cut paper and paperboard office supplies manufacturing . . . . .                           | 5  | 14                              | 5                         | 280                 | 9 490             | 235                 | 451           | 6 893           | 21 020                | 22 187                            | 43 252                             | 706                                  |
| 322232     | Envelope manufacturing . . .   | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229      | Other converted paper product manufacturing . . . . .  | —  | 18                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291     | Sanitary paper product manufacturing . . . . .   | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322299     | All other converted paper product manufacturing . . . . .                                      | —  | 16                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities . . . . .  | 1  | '901                            | '215                      | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '98 752                              |
| 3231       | Printing and related support activities . . . . .  | 1  | '901                            | '215                      | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '98 752                              |
| 32311      | Printing . . . . .   | 1  | '804                            | '192                      | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110     | Commercial lithographic printing . . . . .   | 1  | '386                            | '123                      | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323111     | Commercial gravure printing . . . . .  | —  | 8                               | 3                         | 487                 | 22 089            | 367                 | 752           | 16 685          | 70 664                | 71 515                            | 141 236                            | D                                    |
| 323112     | Commercial flexographic printing . . . . .   | 1  | 17                              | 4                         | 628                 | 27 721            | 413                 | 879           | 13 511          | 65 139                | 71 201                            | 136 995                            | 2 816                                |
| 323113     | Commercial screen printing . . . . .   | 5  | 86                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323114     | Quick printing . . . . .   | 5  | 177                             | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323115     | Digital printing . . . . .   | 3  | 30                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 009                                |
| 323116     | Manifold business forms printing . . . . .   | 3  | 25                              | 12                        | 1 132               | 34 032            | 826                 | 1 729         | 21 546          | 127 014               | 144 339                           | 271 030                            | 2 975                                |
| 323117     | Books printing . . . . .   | —  | 8                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323119     | Other commercial printing . . . . .  | 5  | 62                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 056                                |
| 32312      | Support activities for printing . . . . .  | 1  | 97                              | 23                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323121     | Tradebinding and related work . . . . .  | 1  | 40                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323122     | Prepress services . . . . .  | 1  | 57                              | 12                        | 2 097               | 78 563            | 1 773               | 3 298         | 57 177          | 165 006               | 39 034                            | 204 167                            | 3 959                                |
| 324        | Petroleum and coal products manufacturing . . . . .  | —  | 61                              | 27                        | 5 368               | 360 562           | 3 350               | 7 240         | 217 676         | 2 648 979             | 13 929 190                        | 16 365 460                         | 257 321                              |
| 3241       | Petroleum and coal products manufacturing . . . . .  | —  | 61                              | 27                        | 5 368               | 360 562           | 3 350               | 7 240         | 217 676         | 2 648 979             | 13 929 190                        | 16 365 460                         | 257 321                              |
| 32411      | Petroleum refineries . . . . .   | —  | 9                               | 8                         | 4 141               | 306 569           | 2 566               | 5 714         | 188 788         | 2 354 047             | 13 322 747                        | 15 476 991                         | 203 948                              |
| 324110     | Petroleum refineries . . . . .   | —  | 9                               | 8                         | 4 141               | 306 569           | 2 566               | 5 714         | 188 788         | 2 354 047             | 13 322 747                        | 15 476 991                         | 203 948                              |
| 32412      | Asphalt paving, roofing, and saturated materials manufacturing . . . . .                       | 1  | 32                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 36 660                               |
| 324122     | Asphalt shingle and coating materials manufacturing . . . . .                                  | —  | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32419      | Other petroleum and coal products manufacturing . . . . .                                      | 2  | 20                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 16 713                               |
| 324191     | Petroleum lubricating oil and grease manufacturing . . . . .                                   | 2  | 17                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing . . . . .   | —  | 354                             | 179                       | k                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3251       | Basic chemical manufacturing . . . . .   | —  | 68                              | 37                        | 6 003               | 379 793           | 2 997               | 6 283         | 165 155         | 2 025 227             | 1 534 637                         | 3 561 070                          | 102 677                              |
| 32512      | Industrial gas manufacturing . . . . .   | —  | 15                              | 5                         | 1 958               | 135 594           | 763                 | 1 516         | 52 480          | 460 736               | 177 094                           | 637 227                            | D                                    |
| 325120     | Industrial gas manufacturing . . . . .   | —  | 15                              | 5                         | 1 958               | 135 594           | 763                 | 1 516         | 52 480          | 460 736               | 177 094                           | 637 227                            | D                                    |
| 32513      | Synthetic dye and pigment manufacturing . . . . .  | —  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325132     | Synthetic organic dye and pigment manufacturing . . . . .                                      | —  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32518      | Other basic inorganic chemical manufacturing . . . . .   | —  | 20                              | 12                        | 1 180               | 74 691            | 676                 | 1 429         | 34 487          | 678 858               | 732 582                           | 1 415 609                          | D                                    |
| 325181     | Alkalies and chlorine manufacturing . . . . .  | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325188     | All other basic inorganic chemical manufacturing . . . . .                                     | —  | 18                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing . . . . .   | 1  | 24                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325192     | Cyclic crude and intermediate manufacturing . . . . .  | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325199     | All other basic organic chemical manufacturing . . . . .                                       | 1  | 23                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 22 141                               |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing . . . . . | 1  | 36                              | 29                        | 3 012               | 158 668           | 1 963               | 3 588         | 89 010          | 488 042               | 907 701                           | 1 396 612                          | D                                    |
| 32521      | Resin and synthetic rubber manufacturing . . . . .   | 1  | 34                              | 29                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325211     | Plastics material and resin manufacturing . . . . .  | 1  | 32                              | 28                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| 325<br>3253 | Chemical manufacturing—Con. Pesticide, fertilizer, and other agricultural chemical manufacturing ..... | 2              | 20                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254        | Pharmaceutical and medicine manufacturing .....  | —              | 55                              | 33                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541       | Pharmaceutical and medicine manufacturing .....  | —              | 55                              | 33                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325411      | Medicinal and botanical manufacturing .....  | —              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412      | Pharmaceutical preparation manufacturing .....   | —              | 33                              | 18                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325413      | In-vitro diagnostic substance manufacturing .....  | —              | 6                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414      | Biological product (except diagnostic) manufacturing ..  | 1              | 10                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255        | Paint, coating, and adhesive manufacturing .....   | 3              | 49                              | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32551       | Paint and coating manufacturing .....  | 4              | 34                              | 20                        | 1 421               | 65 340            | 659                 | 1 269         | 21 489          | 184 005               | 219 302                           | 404 908                            | 8 878                                |
| 325510      | Paint and coating manufacturing .....  | 4              | 34                              | 20                        | 1 421               | 65 340            | 659                 | 1 269         | 21 489          | 184 005               | 219 302                           | 404 908                            | 8 878                                |
| 32552       | Adhesive manufacturing .....   | —              | 15                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325520      | Adhesive manufacturing .....   | —              | 15                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3256        | Soap, cleaning compound, and toilet preparation manufacturing ..                                       | 1              | 53                              | 17                        | 1 830               | 96 076            | 1 049               | 2 299         | 47 070          | 428 707               | 404 538                           | 832 785                            | 36 867                               |
| 32561       | Soap and cleaning compound manufacturing .....   | 1              | 43                              | 14                        | 1 726               | 91 164            | 982                 | 2 153         | 44 639          | 410 750               | 396 416                           | 806 806                            | 35 854                               |
| 325611      | Soap and other detergent manufacturing .....   | 4              | 17                              | 3                         | 265                 | 15 623            | 134                 | 259           | 4 203           | 48 557                | 30 542                            | 79 037                             | D                                    |
| 325612      | Polish and other sanitation good manufacturing .....   | —              | 16                              | 6                         | 1 003               | 52 480            | 645                 | 1 413         | 27 630          | 264 010               | 172 283                           | 434 795                            | D                                    |
| 325613      | Surface active agent manufacturing .....   | 1              | 10                              | 5                         | 458                 | 23 061            | 203                 | 481           | 12 806          | 98 183                | 193 591                           | 292 974                            | 8 111                                |
| 3259        | Other chemical product and preparation manufacturing .....   | 2              | 73                              | 34                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 23 781                               |
| 32591       | Printing ink manufacturing .....   | —              | 12                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325910      | Printing ink manufacturing .....   | —              | 12                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32599       | All other chemical product and preparation manufacturing ..  | 3              | 60                              | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 21 284                               |
| 325991      | Custom compounding of purchased resins .....   | 2              | 18                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325998      | All other miscellaneous chemical product and preparation manufacturing ..                              | 4              | 33                              | 13                        | 854                 | 41 925            | 446                 | 872           | 17 735          | 142 519               | 115 836                           | 262 335                            | 12 727                               |
| 326         | Plastics and rubber products manufacturing .....   | 2              | 310                             | 150                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261        | Plastics product manufacturing ..  | 2              | 265                             | 131                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611       | Plastics packaging materials and unlaminated film and sheet manufacturing .....                        | 2              | 52                              | 29                        | 2 880               | 133 430           | 2 025               | 4 368         | 83 614          | 316 088               | 329 336                           | 646 025                            | 40 368                               |
| 326111      | Plastics bag manufacturing ..  | 5              | 11                              | 6                         | 495                 | 16 612            | 404                 | 876           | 12 422          | 53 134                | 53 834                            | 105 764                            | 6 960                                |
| 326112      | Plastics packaging film and sheet (including laminated) manufacturing .....                            | —              | 10                              | 9                         | 847                 | 39 146            | 662                 | 1 477         | 27 524          | 94 762                | 93 262                            | 189 651                            | 12 794                               |
| 326113      | Unlaminated plastics film and sheet (except packaging) manufacturing .....                             | 2              | 31                              | 14                        | 1 538               | 77 672            | 959                 | 2 015         | 43 668          | 168 192               | 182 240                           | 350 610                            | 20 614                               |
| 32612       | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....                         | 2              | 21                              | 12                        | 1 021               | 39 261            | 750                 | 1 552         | 23 307          | 135 444               | 76 257                            | 214 649                            | 45 423                               |
| 326121      | Unlaminated plastics profile shape manufacturing .....   | 2              | 15                              | 8                         | 649                 | 26 685            | 440                 | 922           | 14 157          | 106 434               | 54 456                            | 165 157                            | 36 505                               |
| 326122      | Plastics pipe and pipe fitting manufacturing .....   | 1              | 6                               | 4                         | 372                 | 12 576            | 310                 | 630           | 9 150           | 29 010                | 21 801                            | 49 492                             | 8 918                                |
| 32615       | Urethane and other foam product (except polystyrene) manufacturing .....                               | 1              | 16                              | 10                        | 781                 | 32 847            | 538                 | 1 136         | 20 983          | 94 131                | 83 343                            | 175 556                            | D                                    |
| 326150      | Urethane and other foam product (except polystyrene) manufacturing .....                               | 1              | 16                              | 10                        | 781                 | 32 847            | 538                 | 1 136         | 20 983          | 94 131                | 83 343                            | 175 556                            | D                                    |
| 32616       | Plastics bottle manufacturing ..   | 2              | 8                               | 8                         | 686                 | 25 072            | 593                 | 1 276         | 19 737          | 100 005               | 101 853                           | 206 834                            | 25 689                               |
| 326160      | Plastics bottle manufacturing .....  | 2              | 8                               | 8                         | 686                 | 25 072            | 593                 | 1 276         | 19 737          | 100 005               | 101 853                           | 206 834                            | 25 689                               |
| 32619       | Other plastics product manufacturing .....   | 1              | 151                             | 67                        | 10 221              | 348 020           | 7 496               | 13 296        | 193 352         | 873 978               | 619 730                           | 1 486 268                          | D                                    |
| 326192      | Resilient floor covering manufacturing .....   | —              | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199      | All other plastics product manufacturing .....   | 2              | 143                             | 63                        | 8 832               | 283 522           | 6 770               | 11 919        | 168 560         | 672 372               | 464 128                           | 1 136 650                          | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326        | Plastics and rubber products manufacturing—Con.                                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3262       | Rubber product manufacturing . . .  | 2              | 45                              | 19                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629      | Other rubber product manufacturing . . . . .  | 2              | 32                              | 15                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299     | All other rubber product manufacturing . . . . .                                    | 2              | 19                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing . . . . .                                 | 1              | 273                             | '111                      | '10 911             | '443 602          | '8 255              | '17 390       | '308 608        | '1 274 305            | '809 237                          | '2 081 871                         | '99 238                              |
| 3271       | Clay product and refractory manufacturing . . . . .                                 | 1              | 26                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing . . . . .                     | —              | 15                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327112     | Vitreous china, fine earthenware, and other pottery product manufacturing . . . . . | —              | 14                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272       | Glass and glass product manufacturing . . . . .                                     | 1              | 78                              | 38                        | 5 773               | 219 876           | 4 549               | 9 584         | 162 877         | 607 720               | 311 643                           | 926 400                            | 52 329                               |
| 32721      | Glass and glass product manufacturing . . . . .                                     | 1              | 78                              | 38                        | 5 773               | 219 876           | 4 549               | 9 584         | 162 877         | 607 720               | 311 643                           | 926 400                            | 52 329                               |
| 327212     | Other pressed and blown glass and glassware manufacturing . . . . .                 | —              | 18                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327213     | Glass container manufacturing . . . . .   | 3              | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215     | Glass product manufacturing made of purchased glass . .                             | 1              | 56                              | 29                        | 2 899               | 101 783           | 2 220               | 4 496         | 67 017          | 246 700               | 160 647                           | 405 070                            | D                                    |
| 3273       | Cement and concrete product manufacturing . . . . .                                 | 1              | '106                            | '47                       | '3 028              | '127 631          | '2 158              | '4 522        | '81 579         | '386 759              | '254 107                          | '635 290                           | '21 230                              |
| 32732      | Ready-mix concrete manufacturing . . . . .  | 2              | 58                              | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327320     | Ready-mix concrete manufacturing . . . . .  | 2              | 58                              | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32733      | Concrete pipe, brick, and block manufacturing . . . . .                             | —              | '16                             | '8                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327331     | Concrete block and brick manufacturing . . . . .                                    | —              | '11                             | '5                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32739      | Other concrete product manufacturing . . . . .                                      | —              | 31                              | 15                        | 1 076               | 40 428            | 712                 | 1 444         | 23 008          | 159 995               | 51 572                            | 211 352                            | D                                    |
| 327390     | Other concrete product manufacturing . . . . .                                      | —              | 31                              | 15                        | 1 076               | 40 428            | 712                 | 1 444         | 23 008          | 159 995               | 51 572                            | 211 352                            | D                                    |
| 3274       | Lime and gypsum product manufacturing . . . . .                                     | —              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32742      | Gypsum product manufacturing . . . . .  | —              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327420     | Gypsum product manufacturing . . . . .  | —              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3279       | Other nonmetallic mineral product manufacturing . . . . .                           | '1             | '56                             | 18                        | '1 326              | '62 134           | '937                | '1 978        | '39 479         | '185 453              | '137 047                          | '322 350                           | '12 539                              |
| 32799      | All other nonmetallic mineral product manufacturing . . . . .                       | '1             | '47                             | 15                        | '1 160              | '55 714           | '834                | '1 774        | '36 223         | '169 239              | '126 814                          | '295 381                           | '12 225                              |
| 327991     | Cut stone and stone product manufacturing . . . . .                                 | 1              | 19                              | 4                         | 329                 | 16 015            | 215                 | 430           | 9 926           | 31 838                | 14 555                            | 45 762                             | D                                    |
| 327993     | Mineral wool manufacturing . . . . .  | —              | 7                               | 4                         | 396                 | 20 362            | 315                 | 690           | 15 138          | 83 740                | 41 072                            | 125 057                            | D                                    |
| 331        | Primary metal manufacturing . . . . .   | —              | 78                              | 37                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311       | Iron and steel mills and ferroalloy manufacturing . . . . .                         | —              | 10                              | 8                         | 2 276               | 119 716           | 1 619               | 3 399         | 79 290          | 354 882               | 486 394                           | 831 022                            | 9 406                                |
| 33111      | Iron and steel mills and ferroalloy manufacturing . . . . .                         | —              | 10                              | 8                         | 2 276               | 119 716           | 1 619               | 3 399         | 79 290          | 354 882               | 486 394                           | 831 022                            | 9 406                                |
| 331111     | Iron and steel mills . . . . .  | —              | 10                              | 8                         | 2 276               | 119 716           | 1 619               | 3 399         | 79 290          | 354 882               | 486 394                           | 831 022                            | 9 406                                |
| 3312       | Steel product manufacturing from purchased steel . . . . .                          | 1              | 13                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33121      | Iron and steel pipe and tube manufacturing from purchased steel . . . . .           | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331210     | Iron and steel pipe and tube manufacturing from purchased steel . . . . .           | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122      | Rolling and drawing of purchased steel . . . . .                                    | —              | 12                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313       | Alumina and aluminum production and processing . . . . .                            | —              | 5                               | 4                         | 950                 | 38 701            | 714                 | 1 504         | 22 849          | 83 073                | 188 162                           | 276 067                            | D                                    |
| 33131      | Alumina and aluminum production and processing . . . . .                            | —              | 5                               | 4                         | 950                 | 38 701            | 714                 | 1 504         | 22 849          | 83 073                | 188 162                           | 276 067                            | D                                    |
| 331316     | Aluminum extruded product manufacturing . . . . .                                   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| NAICS code | Geographic area and industry  | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 331        | Primary metal manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                                | 1                               | 19    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | 7 825                                |                 |
| 33141      | Nonferrous metal (except aluminum) smelting and refining .....                                    | 5                               | 4     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331419     | Primary smelting and refining of nonferrous metal (except copper and aluminum) .....              | 5                               | 4     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | —                               | 13    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331492     | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | —                               | 8     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3315       | Foundries .....   | —                               | 31    | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33151      | Ferrous metal foundries .....   | —                               | 12    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 331511     | Iron foundries .....  | —                               | 8     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33152      | Nonferrous metal foundries .....  | 3                               | 19    | 2                         | 353                 | 10 732             | 310                 | 557           | 8 225                 | 18 774                            | 9 874                              | 28 553                               | 633             |
| 332        | Fabricated metal product manufacturing .....  | 2                               | 1 163 | 322                       | 25 938              | 1 069 493          | 19 019              | 38 901        | 677 279               | 2 414 911                         | 1 516 430                          | 3 881 387                            | 108 105         |
| 3321       | Forging and stamping .....  | 2                               | 47    | 21                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 4 151           |
| 33211      | Forging and stamping .....  | 2                               | 47    | 21                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 4 151           |
| 332114     | Custom roll forming .....   | —                               | 12    | 8                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 764             |
| 332116     | Metal stamping .....  | 2                               | 24    | 9                         | 464                 | 17 830             | 352                 | 736           | 11 293                | 42 666                            | 27 796                             | 70 280                               | 2 483           |
| 3322       | Cutlery and handtool manufacturing .....  | —                               | 41    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33221      | Cutlery and handtool manufacturing .....  | —                               | 41    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332212     | Hand and edge tool manufacturing .....  | 1                               | 29    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332214     | Kitchen utensil, pot, and pan manufacturing .....   | —                               | 5     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3323       | Architectural and structural metals manufacturing .....   | 2                               | '257  | '101                      | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | '36 527         |
| 33231      | Plate work and fabricated structural product manufacturing .....                                  | 4                               | '79   | '36                       | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | '23 764         |
| 332312     | Fabricated structural metal manufacturing .....   | 4                               | '52   | '24                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332313     | Plate work manufacturing .....  | 3                               | 23    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33232      | Ornamental and architectural metal products manufacturing .....                                   | 1                               | 178   | 65                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 12 763          |
| 332321     | Metal window and door manufacturing .....   | —                               | 19    | 12                        | 779                 | 23 471             | 556                 | 954           | 12 824                | 53 610                            | 71 545                             | 125 092                              | 2 045           |
| 332322     | Sheet metal work manufacturing .....  | 2                               | 107   | 42                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332323     | Ornamental and architectural metal work manufacturing ..  | —                               | 52    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3324       | Boiler, tank, and shipping container manufacturing .....  | 4                               | 26    | 12                        | 1 096               | 44 529             | 875                 | 1 837         | 31 556                | 93 680                            | 143 082                            | 237 076                              | 4 266           |
| 33241      | Power boiler and heat exchanger manufacturing ....  | 5                               | 7     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332410     | Power boiler and heat exchanger manufacturing ..  | 5                               | 7     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33242      | Metal tank (heavy gauge) manufacturing .....  | 7                               | 10    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332420     | Metal tank (heavy gauge) manufacturing .....  | 7                               | 10    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....                       | 3                               | 9     | 5                         | 494                 | 20 551             | 421                 | 937           | 15 760                | 49 335                            | 102 863                            | 152 330                              | 1 239           |
| 332439     | Other metal container manufacturing .....   | 5                               | 8     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3325       | Hardware manufacturing .....  | —                               | 12    | 4                         | 291                 | 10 560             | 267                 | 542           | 8 849                 | 41 210                            | 13 978                             | 55 176                               | 921             |
| 33251      | Hardware manufacturing .....  | —                               | 12    | 4                         | 291                 | 10 560             | 267                 | 542           | 8 849                 | 41 210                            | 13 978                             | 55 176                               | 921             |
| 332510     | Hardware manufacturing ....   | —                               | 12    | 4                         | 291                 | 10 560             | 267                 | 542           | 8 849                 | 41 210                            | 13 978                             | 55 176                               | 921             |
| 3326       | Spring and wire product manufacturing .....   | 2                               | 42    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33261      | Spring and wire product manufacturing .....   | 2                               | 42    | 14                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332618     | Other fabricated wire product manufacturing .....   | 3                               | 34    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

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|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                    |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 332        | Fabricated metal product manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                        | 2                               | 482   | 78                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33271      | Machine shops .....  | 3                               | 415   | 51                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 332710     | Machine shops .....  | 3                               | 415   | 51                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....  | 1                               | 67    | 27                        | 3 804               | 168 323            | 3 094               | 6 540         | 125 169               | 341 516                           | 138 236                            | 481 216                              | 14 131          |
| 332721     | Precision turned product manufacturing .....   | 2                               | 47    | 19                        | 1 616               | 68 550             | 1 264               | 2 848         | 47 669                | 118 828                           | 63 431                             | 179 770                              | 8 084           |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....  | —                               | 20    | 8                         | 2 188               | 99 773             | 1 830               | 3 692         | 77 500                | 222 688                           | 74 805                             | 301 446                              | 6 047           |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                     | 1                               | '115  | '19                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33281      | Coating, engraving, heat treating, and allied activities ..  | 1                               | '115  | '19                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332811     | Metal heat treating .....  | 1                               | 17    | 4                         | 319                 | 13 162             | 203                 | 415           | 7 268                 | 37 618                            | 7 256                              | 44 946                               | 2 347           |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..  | 1                               | '45   | '7                        | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                  | 1                               | 53    | 8                         | 601                 | 22 835             | 453                 | 914           | 15 201                | 41 921                            | 11 823                             | 53 883                               | 1 264           |
| 3329       | Other fabricated metal product manufacturing .....   | 2                               | 141   | 62                        | 4 352               | 184 587            | 2 821               | 5 643         | 98 490                | 417 245                           | 203 284                            | 627 512                              | 16 756          |
| 33291      | Metal valve manufacturing ....   | 1                               | 28    | 15                        | 1 243               | 57 953             | 630                 | 1 251         | 24 483                | 142 872                           | 68 466                             | 216 375                              | 3 451           |
| 332911     | Industrial valve manufacturing .....   | —                               | 16    | 8                         | 819                 | 41 182             | 376                 | 755           | 16 625                | 99 647                            | 45 923                             | 154 661                              | 2 184           |
| 33299      | All other fabricated metal product manufacturing .....   | 2                               | 113   | 47                        | 3 109               | 126 634            | 2 191               | 4 392         | 74 007                | 274 373                           | 134 818                            | 411 137                              | 13 305          |
| 332991     | Ball and roller bearing manufacturing .....  | 7                               | 5     | 5                         | 475                 | 19 360             | 325                 | 642           | 10 675                | 41 609                            | 17 756                             | 62 378                               | D               |
| 332996     | Fabricated pipe and pipe fitting manufacturing .....   | —                               | 16    | 7                         | 776                 | 34 880             | 557                 | 1 183         | 20 997                | 61 810                            | 23 462                             | 84 977                               | 2 279           |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                               | 2                               | 77    | 31                        | 1 696               | 66 745             | 1 193               | 2 302         | 38 918                | 139 663                           | 85 047                             | 223 772                              | 8 960           |
| 333        | Machinery manufacturing .....  | 2                               | '516  | '183                      | '13 989             | '620 461           | '8 094              | '16 111       | '284 559              | '1 324 478                        | '1 046 411                         | '2 375 804                           | '54 561         |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....                                | 4                               | 16    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33311      | Agricultural implement manufacturing .....   | 5                               | 14    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333112     | Lawn and garden tractor and home lawn and garden equipment manufacturing ..                        | 6                               | 6     | 4                         | 341                 | 11 266             | 274                 | 491           | 7 411                 | 25 492                            | 27 722                             | 52 379                               | 1 211           |
| 3332       | Industrial machinery manufacturing .....   | 3                               | 103   | 31                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33322      | Plastics and rubber industry machinery manufacturing ....  | 4                               | 12    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333220     | Plastics and rubber industry machinery manufacturing ..  | 4                               | 12    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33329      | Other industrial machinery manufacturing .....   | 3                               | 89    | 28                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333294     | Food product machinery manufacturing .....   | 2                               | 10    | 6                         | 420                 | 20 400             | 275                 | 526           | 11 600                | 44 295                            | 31 832                             | 74 659                               | 1 206           |
| 333295     | Semiconductor machinery manufacturing .....  | —                               | 7     | 5                         | 274                 | 15 748             | 91                  | 187           | 3 886                 | 26 054                            | 17 866                             | 46 134                               | D               |
| 333298     | All other industrial machinery manufacturing .....   | 4                               | 45    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3333       | Commercial and service industry machinery manufacturing .....                                      | 2                               | 56    | 25                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33331      | Commercial and service industry machinery manufacturing .....                                      | 2                               | 56    | 25                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333311     | Automatic vending machine manufacturing .....  | 3                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333313     | Office machinery manufacturing .....   | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333314     | Optical instrument and lens manufacturing .....  | 2                               | 17    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333319     | Other commercial and service industry machinery manufacturing .....                                | 2                               | 26    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 1                               | 41    | 22                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing                        | 1              | 41                              | 22                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333411     | Air purification equipment manufacturing  | —              | 10                              | 5                         | 615                 | 31 982            | 272                 | 471           | 10 513          | 74 663                | 83 433                            | 160 131                            | 2 911                                |
| 333414     | Heating equipment (except warm air furnaces) manufacturing  | 5              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing | 2              | 21                              | 11                        | 709                 | 24 477            | 572                 | 1 151         | 16 222          | 60 424                | 53 165                            | 114 446                            | D                                    |
| 3335       | Metalworking machinery manufacturing  | 2              | 129                             | 29                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33351      | Metalworking machinery manufacturing  | 2              | 129                             | 29                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333511     | Industrial mold manufacturing   | —              | 35                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing   | 3              | 53                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333515     | Cutting tool and machine tool accessory manufacturing   | 2              | 24                              | 4                         | 317                 | 14 003            | 197                 | 358           | 7 187           | 31 877                | 11 770                            | 43 936                             | D                                    |
| 3336       | Engine, turbine, and power transmission equipment manufacturing   | —              | 18                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33361      | Engine, turbine, and power transmission equipment manufacturing   | —              | 18                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333612     | Speed changer, industrial high-speed drive, and gear manufacturing  | 1              | 7                               | 5                         | 264                 | 10 300            | 196                 | 442           | 6 819           | 27 121                | 19 368                            | 43 014                             | 400                                  |
| 3339       | Other general purpose machinery manufacturing   | 3              | '153                            | '61                       | '4 825              | '203 182          | '2 638              | '5 117        | '90 945         | '422 878              | '375 003                          | '802 271                           | D                                    |
| 33391      | Pump and compressor manufacturing   | 4              | '23                             | '12                       | '974                | '44 898           | '522                | '1 020        | '18 841         | '94 318               | '99 243                           | '192 761                           | D                                    |
| 333911     | Pump and pumping equipment manufacturing  | 5              | 15                              | 6                         | 534                 | 26 691            | 268                 | 570           | 11 126          | 60 402                | 56 374                            | 114 796                            | D                                    |
| 333912     | Air and gas compressor manufacturing  | '3             | '7                              | '5                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392      | Material handling equipment manufacturing   | 5              | 35                              | 15                        | 1 335               | 51 185            | 798                 | 1 624         | 26 916          | 108 793               | 113 026                           | 224 868                            | D                                    |
| 333922     | Conveyor and conveying equipment manufacturing  | 1              | 13                              | 5                         | 342                 | 15 640            | 158                 | 327           | 6 602           | 36 160                | 22 190                            | 61 187                             | D                                    |
| 333923     | Overhead traveling crane, hoist, and monorail system manufacturing  | 7              | 8                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333924     | Industrial truck, tractor, trailer, and stacker machinery manufacturing   | 3              | 11                              | 6                         | 463                 | 19 413            | 324                 | 667           | 12 069          | 38 933                | 41 136                            | 79 307                             | D                                    |
| 33399      | All other general purpose machinery manufacturing   | 2              | 95                              | 34                        | 2 516               | 107 099           | 1 318               | 2 473         | 45 188          | 219 767               | 162 734                           | 384 642                            | D                                    |
| 333993     | Packaging machinery manufacturing   | 3              | 23                              | 12                        | 549                 | 27 562            | 294                 | 600           | 12 473          | 44 211                | 34 639                            | 79 519                             | 2 922                                |
| 333994     | Industrial process furnace and oven manufacturing   | 1              | 15                              | 6                         | 538                 | 23 454            | 184                 | 356           | 7 307           | 54 855                | 40 395                            | 92 737                             | 712                                  |
| 333999     | All other miscellaneous general purpose machinery manufacturing   | 2              | 42                              | 12                        | 1 040               | 39 779            | 572                 | 979           | 15 689          | 80 376                | 58 635                            | 143 470                            | D                                    |
| 334        | Computer and electronic product manufacturing   | 1              | '376                            | '146                      | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3341       | Computer and peripheral equipment manufacturing   | —              | 30                              | 14                        | 1 952               | 94 406            | 780                 | 1 516         | 30 040          | 288 612               | 252 294                           | 542 604                            | 15 187                               |
| 33411      | Computer and peripheral equipment manufacturing   | —              | 30                              | 14                        | 1 952               | 94 406            | 780                 | 1 516         | 30 040          | 288 612               | 252 294                           | 542 604                            | 15 187                               |
| 334112     | Computer storage device manufacturing   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334119     | Other computer peripheral equipment manufacturing   | 1              | 24                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3342       | Communications equipment manufacturing  | 1              | 46                              | 18                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33421      | Telephone apparatus manufacturing   | 3              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334210     | Telephone apparatus manufacturing   | 3              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334        | Computer and electronic product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3342       | Communications equipment manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 1              | 31                              | 13                        | 2 133               | 129 987           | 681                 | 1 350         | 25 257          | 326 198               | 192 530                           | 519 205                            | 7 508                                |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 1              | 31                              | 13                        | 2 133               | 129 987           | 681                 | 1 350         | 25 257          | 326 198               | 192 530                           | 519 205                            | 7 508                                |
| 3344       | Semiconductor and other electronic component manufacturing .....   | 2              | 118                             | 52                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441      | Semiconductor and other electronic component manufacturing .....   | 2              | 118                             | 52                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413     | Semiconductor and related device manufacturing .....   | 2              | 25                              | 11                        | 1 068               | 48 310            | 578                 | 1 172         | 19 739          | 99 939                | 32 611                            | 136 299                            | D                                    |
| 334416     | Electronic coil, transformer, and other inductor manufacturing .....   | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....   | 1              | 14                              | 10                        | 646                 | 19 944            | 424                 | 915           | 11 151          | 42 538                | 61 048                            | 104 632                            | D                                    |
| 334419     | Other electronic component manufacturing .....   | 2              | 45                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —              | '149                            | '56                       | '11 750             | '679 313          | '6 892              | '13 400       | '377 340        | '1 402 978            | '904 408                          | '2 306 500                         | '50 050                              |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | —              | '149                            | '56                       | '11 750             | '679 313          | '6 892              | '13 400       | '377 340        | '1 402 978            | '904 408                          | '2 306 500                         | '50 050                              |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing ...  | 2              | 10                              | 6                         | 763                 | 41 384            | 347                 | 660           | 11 938          | 109 237               | 45 025                            | 149 574                            | 1 798                                |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | —              | 20                              | 9                         | 6 424               | 421 516           | 4 745               | 9 401         | 308 587         | 855 104               | 621 174                           | 1 469 759                          | 35 381                               |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —              | '33                             | '16                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '6 662                               |
| 334515     | Instrument manufacturing for measuring and testing electricity and electrical signals .....                                  | 5              | 17                              | 4                         | 272                 | 14 673            | 123                 | 229           | 5 250           | 26 408                | 13 193                            | 41 699                             | 745                                  |
| 334516     | Analytical laboratory instrument manufacturing ..  | 1              | 14                              | 4                         | 861                 | 46 767            | 116                 | 213           | 4 566           | 51 913                | 32 445                            | 84 480                             | D                                    |
| 334517     | Irradiation apparatus manufacturing .....  | 3              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334519     | Other measuring and controlling device manufacturing .....   | —              | 26                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3346       | Manufacturing and reproducing magnetic and optical media .....   | 1              | 26                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33461      | Manufacturing and reproducing magnetic and optical media ...   | 1              | 26                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334612     | Prerecorded compact disc (except software), tape, and record reproducing .....   | —              | 18                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....   | 2              | 159                             | 57                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3351       | Electric lighting equipment manufacturing .....  | 3              | 39                              | 18                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 408                                |
| 33512      | Lighting fixture manufacturing ..  | 3              | 38                              | 18                        | 3 397               | 94 017            | 2 543               | 5 061         | 53 452          | 225 733               | 380 711                           | 609 612                            | D                                    |
| 335121     | Residential electric lighting fixture manufacturing .....  | 5              | 16                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 691                                |
| 335122     | Commercial, industrial, and institutional electric lighting fixture manufacturing .....                                      | 2              | 13                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 188                                |
| 335129     | Other lighting equipment manufacturing .....   | 1              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3352       | Household appliance manufacturing .....  | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33521      | Small electrical appliance manufacturing .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335211     | Electric housewares and household fan manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| 335        | Electrical equipment, appliance, and component manufacturing—Con.                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3353       | Electrical equipment manufacturing .....  | 1              | 51                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531      | Electrical equipment manufacturing .....  | 1              | 51                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335312     | Motor and generator manufacturing .....   | —              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335313     | Switchgear and switchboard apparatus manufacturing ..                               | —              | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335314     | Relay and industrial control manufacturing .....                                    | 1              | 26                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359       | Other electrical equipment and component manufacturing .....                        | 1              | 65                              | 22                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33591      | Battery manufacturing .....   | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335911     | Storage battery manufacturing .....   | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33592      | Communication and energy wire and cable manufacturing ..                            | —              | 15                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335929     | Other communication and energy wire manufacturing ..                                | —              | 11                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593      | Wiring device manufacturing .....   | —              | 12                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335932     | Noncurrent-carrying wiring device manufacturing .....                               | —              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....                    | 3              | 35                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..         | 3              | 34                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....  | 2              | 150                             | 62                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3361       | Motor vehicle manufacturing .....   | —              | 5                               | 4                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33611      | Automobile and light duty motor vehicle manufacturing .....                         | —              | 3                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336111     | Automobile manufacturing .....  | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336112     | Light truck and utility vehicle manufacturing .....                                 | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363       | Motor vehicle parts manufacturing .....   | 2              | 78                              | 36                        | 9 059               | 338 791           | 7 144               | 13 341        | 228 722         | 970 578               | 1 214 212                         | 2 148 143                          | D                                    |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing .....               | —              | 25                              | 9                         | 4 230               | 130 254           | 3 397               | 6 326         | 88 310          | 455 475               | 450 292                           | 870 238                            | 13 011                               |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing .....         | —              | 23                              | 8                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33633      | Motor vehicle steering and suspension component (except spring) manufacturing ..... | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336330     | Motor vehicle steering and suspension component (except spring) manufacturing ..... | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33634      | Motor vehicle brake system manufacturing .....                                      | —              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336340     | Motor vehicle brake system manufacturing .....                                      | —              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33635      | Motor vehicle transmission and power train parts manufacturing .....                | —              | 8                               | 5                         | 998                 | 47 839            | 786                 | 1 511         | 35 386          | 78 735                | 73 782                            | 153 975                            | D                                    |
| 336350     | Motor vehicle transmission and power train parts manufacturing .....                | —              | 8                               | 5                         | 998                 | 47 839            | 786                 | 1 511         | 35 386          | 78 735                | 73 782                            | 153 975                            | D                                    |
| 33636      | Motor vehicle seating and interior trim manufacturing .....                         | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336360     | Motor vehicle seating and interior trim manufacturing ..                            | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33637      | Motor vehicle metal stamping ..   | —              | 10                              | 9                         | 794                 | 42 846            | 624                 | 1 324         | 32 527          | 72 714                | 81 378                            | 153 462                            | 2 044                                |
| 336370     | Motor vehicle metal stamping ..   | —              | 10                              | 9                         | 794                 | 42 846            | 624                 | 1 324         | 32 527          | 72 714                | 81 378                            | 153 462                            | 2 044                                |
| 33639      | Other motor vehicle parts manufacturing .....                                       | 9              | 14                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336399     | All other motor vehicle parts manufacturing .....                                   | 9              | 13                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364       | Aerospace product and parts manufacturing .....                                     | 7              | 19                              | 13                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641      | Aerospace product and parts manufacturing .....                                     | 7              | 19                              | 13                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336411     | Aircraft manufacturing .....  | 9              | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412     | Aircraft engine and engine parts manufacturing .....                                | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336413     | Other aircraft parts and auxiliary equipment manufacturing .....                    | 1              | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336        | Transportation equipment manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3364       | Aerospace product and parts manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33641      | Aerospace product and parts manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336415     | Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing ..... | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336419     | Other guided missile and space vehicle parts and auxiliary equipment manufacturing .....       | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3366       | Ship and boat building .....   | —  | 14                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33661      | Ship and boat building .....   | —  | 14                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336611     | Ship building and repairing ..   | —  | 5                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336612     | Boat building .....  | —  | 9                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....  | 6  | 372                             | 79                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing .....                  | 5  | 256                             | 26                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711      | Wood kitchen cabinet and countertop manufacturing ....   | 4  | 138                             | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..   | 4  | 138                             | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712      | Household and institutional furniture manufacturing .....                                      | 5  | 118                             | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337122     | Nonupholstered wood household furniture manufacturing .....                                    | 2  | 61                              | 4                         | 371                 | 9 236             | 299                 | 598           | 7 106           | 18 792                | 13 550                            | 32 420                             | D                                    |
| 337124     | Metal household furniture manufacturing .....  | 6  | 10                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3372       | Office furniture (including fixtures) manufacturing .....                                      | 6  | 101                             | 44                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33721      | Office furniture (including fixtures) manufacturing .....                                      | 6  | 101                             | 44                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337212     | Custom architectural woodwork and millwork manufacturing .....                                 | 3  | 42                              | 22                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337214     | Office furniture (except wood) manufacturing .....   | 9  | 9                               | 6                         | 2 308               | 103 362           | 1 173               | 2 244         | 38 323          | 321 435               | 273 501                           | 597 599                            | D                                    |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                                  | 1  | 40                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3379       | Other furniture related product manufacturing .....  | 6  | 15                              | 9                         | 433                 | 13 833            | 325                 | 657           | 8 493           | 37 625                | 36 607                            | 74 307                             | 5 686                                |
| 339        | Miscellaneous manufacturing .....  | 3  | '693                            | '157                      | '16 956             | '679 571          | '10 323             | '20 059       | '306 485        | '1 858 091            | '1 013 303                        | '2 861 462                         | '69 999                              |
| 3391       | Medical equipment and supplies manufacturing .....   | 5  | '288                            | '72                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911      | Medical equipment and supplies manufacturing .....   | 5  | '288                            | '72                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339111     | Laboratory apparatus and furniture manufacturing ....  | 3  | 15                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112     | Surgical and medical instrument manufacturing ..   | 5  | 54                              | 26                        | 4 271               | 221 680           | 2 477               | 5 049         | 92 297          | 760 742               | 257 968                           | 1 017 348                          | 24 685                               |
| 339113     | Surgical appliance and supplies manufacturing ....   | 3  | 51                              | 18                        | 1 897               | 64 038            | 783                 | 1 400         | 19 947          | 171 799               | 93 522                            | 265 717                            | 15 307                               |
| 339114     | Dental equipment and supplies manufacturing ....   | '3 | '26                             | '7                        | '414                | '15 678           | '296                | '516          | '8 267          | '33 198               | '12 925                           | '42 203                            | '840                                 |
| 339115     | Ophthalmic goods manufacturing .....   | 2  | 17                              | 8                         | 433                 | 14 077            | 337                 | 577           | 8 379           | 42 826                | 18 514                            | 61 236                             | 895                                  |
| 339116     | Dental laboratories .....  | 4  | 125                             | 8                         | 902                 | 26 092            | 649                 | 1 237         | 18 675          | 48 774                | 10 729                            | 59 495                             | 1 315                                |
| 3399       | Other miscellaneous manufacturing .....  | 2  | '405                            | 85                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33991      | Jewelry and silverware manufacturing .....   | —  | 53                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339911     | Jewelry (except costume) manufacturing .....   | —  | 34                              | 6                         | 497                 | 19 276            | 305                 | 600           | 7 825           | 40 421                | 82 387                            | 125 851                            | 801                                  |
| 33992      | Sporting and athletic goods manufacturing .....  | 3  | 25                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339920     | Sporting and athletic goods manufacturing .....  | 3  | 25                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33993      | Doll, toy, and game manufacturing .....  | 1  | 22                              | 4                         | 339                 | 14 098            | 165                 | 333           | 3 377           | 42 860                | 41 077                            | 83 969                             | 660                                  |
| 339932     | Game, toy, and children's vehicle manufacturing ....   | 1  | 19                              | 3                         | 297                 | 13 213            | 134                 | 276           | 2 775           | 41 598                | 40 017                            | 81 564                             | D                                    |
| 33994      | Office supplies (except paper) manufacturing .....   | —  | 22                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33995      | Sign manufacturing .....   | 1  | 119                             | 20                        | 2 078               | 91 221            | 1 228               | 2 417         | 43 236          | 166 674               | 109 637                           | 273 896                            | D                                    |
| 339950     | Sign manufacturing .....   | 1  | 119                             | 20                        | 2 078               | 91 221            | 1 228               | 2 417         | 43 236          | 166 674               | 109 637                           | 273 896                            | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | All establishments <sup>2</sup> |        | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|------------|--|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |  | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>  |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 339        | Miscellaneous manufacturing—Con.   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3399       | Other miscellaneous manufacturing—Con.   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 33999      | All other miscellaneous manufacturing .....                                      | 2                               | '164   | 40                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339991     | Gasket, packing, and sealing device manufacturing .....                          | 3                               | 20     | 9                         | 1 345               | 57 540             | 835                 | 1 619         | 27 069                | 139 043                           | 71 050                             | 208 957                              | D               |
| 339994     | Broom, brush, and mop manufacturing .....  | 9                               | 5      | 2                         | 358                 | 10 652             | 297                 | 636           | 7 221                 | 36 296                            | 21 974                             | 54 080                               | D               |
| 339999     | All other miscellaneous manufacturing .....                                      | 1                               | '129   | 26                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area</b> |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33      | Manufacturing .....  | 1                               | '6 608 | '2 102                    | '252 316            | '11 040 631        | '166 400            | '332 622      | '5 945 041            | '41 857 954                       | '50 407 319                        | '92 228 788                          | '2 246 915      |
| 311        | Food manufacturing .....   | 2                               | '549   | '162                      | '22 644             | '780 714           | '15 607             | '31 169       | '459 255              | '2 929 141                        | '3 545 526                         | '6 468 646                           | '118 685        |
| 3111       | Animal food manufacturing .....  | 4                               | 15     | 7                         | 625                 | 26 228             | 410                 | 876           | 15 201                | 110 691                           | 131 253                            | 240 278                              | 5 024           |
| 31111      | Animal food manufacturing ....   | 4                               | 15     | 7                         | 625                 | 26 228             | 410                 | 876           | 15 201                | 110 691                           | 131 253                            | 240 278                              | 5 024           |
| 311119     | Other animal food manufacturing .....  | 7                               | 10     | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3113       | Sugar and confectionery product manufacturing .....                              | 5                               | 55     | 16                        | 1 402               | 48 577             | 1 075               | 2 029         | 34 028                | 233 832                           | 284 608                            | 523 350                              | D               |
| 31132      | Chocolate and confectionery manufacturing from cacao beans .....                 | 5                               | 13     | 7                         | 533                 | 19 207             | 401                 | 759           | 14 496                | 124 954                           | 225 096                            | 348 428                              | D               |
| 311320     | Chocolate and confectionery manufacturing from cacao beans .....                 | 5                               | 13     | 7                         | 533                 | 19 207             | 401                 | 759           | 14 496                | 124 954                           | 225 096                            | 348 428                              | D               |
| 31133      | Confectionery manufacturing from purchased chocolate ....                        | 7                               | 29     | 6                         | 576                 | 21 736             | 459                 | 806           | 14 030                | 88 148                            | 47 611                             | 141 773                              | 2 786           |
| 311330     | Confectionery manufacturing from purchased chocolate ..                          | 7                               | 29     | 6                         | 576                 | 21 736             | 459                 | 806           | 14 030                | 88 148                            | 47 611                             | 141 773                              | 2 786           |
| 31134      | Nonchocolate confectionery manufacturing .....                                   | 4                               | 13     | 3                         | 293                 | 7 634              | 215                 | 464           | 5 502                 | 20 730                            | 11 901                             | 33 149                               | 384             |
| 311340     | Nonchocolate confectionery manufacturing .....                                   | 4                               | 13     | 3                         | 293                 | 7 634              | 215                 | 464           | 5 502                 | 20 730                            | 11 901                             | 33 149                               | 384             |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....            | 5                               | 18     | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31141      | Frozen food manufacturing ....   | —                               | 5      | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311412     | Frozen specialty food manufacturing .....  | —                               | 5      | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31142      | Fruit and vegetable canning, pickling, and drying .....                          | 7                               | 13     | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 6 524           |
| 311421     | Fruit and vegetable canning ..   | 7                               | 12     | 7                         | 500                 | 16 028             | 411                 | 836           | 10 978                | 157 183                           | 88 840                             | 246 276                              | D               |
| 3115       | Dairy product manufacturing .....  | 2                               | 31     | 12                        | 1 580               | 65 577             | 970                 | 2 128         | 37 027                | 160 527                           | 380 024                            | 543 329                              | 11 121          |
| 31151      | Dairy product (except frozen) manufacturing .....                                | 2                               | 22     | 11                        | 1 530               | 63 872             | 941                 | 2 062         | 36 388                | 154 835                           | 375 625                            | 533 361                              | 10 901          |
| 311511     | Fluid milk manufacturing ....  | 2                               | 12     | 7                         | 1 385               | 58 459             | 848                 | 1 867         | 33 773                | 137 627                           | 339 157                            | 477 978                              | 10 033          |
| 3116       | Animal slaughtering and processing .....   | —                               | 60     | 38                        | 7 576               | 230 854            | 5 811               | 12 043        | 138 480               | 656 466                           | 1 848 999                          | 2 504 638                            | 41 450          |
| 31161      | Animal slaughtering and processing .....   | —                               | 60     | 38                        | 7 576               | 230 854            | 5 811               | 12 043        | 138 480               | 656 466                           | 1 848 999                          | 2 504 638                            | 41 450          |
| 311611     | Animal (except poultry) slaughtering .....                                       | —                               | 19     | 10                        | 3 471               | 115 039            | 2 729               | 5 616         | 68 727                | 266 663                           | 1 293 157                          | 1 561 612                            | 17 479          |
| 311612     | Meat processed from carcasses .....  | —                               | 26     | 18                        | 1 488               | 51 263             | 1 109               | 2 179         | 30 411                | 123 785                           | 311 814                            | 436 920                              | 12 431          |
| 311615     | Poultry processing .....   | 1                               | 12     | 9                         | 2 490               | 59 028             | 1 887               | 4 057         | 36 277                | 240 593                           | 217 750                            | 455 727                              | 10 969          |
| 3118       | Bakeries and tortilla manufacturing .....  | 1                               | '310   | '62                       | '8 508              | '298 661           | '5 112              | '9 673        | '169 677              | '1 154 741                        | '536 952                           | '1 679 431                           | '37 526         |
| 31181      | Bread and bakery product manufacturing .....                                     | 1                               | '287   | '51                       | '7 019              | '235 292           | '3 945              | '7 389        | '124 594              | '695 027                          | '342 307                           | '1 035 503                           | '26 406         |
| 311811     | Retail bakeries .....  | '5                              | '209   | '23                       | '1 754              | '26 543            | '913                | '1 334        | '14 460               | '54 164                           | '27 290                            | '81 458                              | '1 929          |
| 311812     | Commercial bakeries .....  | —                               | 68     | 26                        | 4 700               | 187 146            | 2 534               | 5 140         | 92 780                | 545 102                           | 241 379                            | 784 020                              | 21 725          |
| 311813     | Frozen cakes, pies, and other pastries manufacturing .....                       | 1                               | 10     | 2                         | 565                 | 21 603             | 498                 | 915           | 17 354                | 95 761                            | 73 638                             | 170 025                              | 2 752           |
| 31182      | Cookie, cracker, and pasta manufacturing .....                                   | 1                               | 23     | 11                        | 1 489               | 63 369             | 1 167               | 2 284         | 45 083                | 459 714                           | 194 645                            | 643 928                              | 11 120          |
| 311821     | Cookie and cracker manufacturing .....   | —                               | 7      | 3                         | 1 128               | 50 181             | 887                 | 1 657         | 35 809                | 408 976                           | 141 882                            | 540 439                              | D               |
| 3119       | Other food manufacturing .....   | 3                               | 53     | 16                        | 1 982               | 80 147             | 1 412               | 2 915         | 42 508                | 385 861                           | 238 042                            | 624 694                              | 9 901           |
| 31191      | Snack food manufacturing .....   | —                               | 8      | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311919     | Other snack food manufacturing .....   | —                               | 6      | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31194      | Seasoning and dressing manufacturing .....                                       | 4                               | 13     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 445           |
| 311942     | Spice and extract manufacturing .....  | 5                               | 8      | 4                         | 439                 | 26 622             | 258                 | 556           | 10 641                | 71 931                            | 37 081                             | 109 215                              | 2 048           |

See footnotes at end of table.

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 311        | Food manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3119       | Other food manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31199      | All other food manufacturing ...  | 5                               | 29    | 7                         | 947                 | 35 066             | 726                 | 1 597         | 21 064                | 137 638                           | 104 829                            | 242 911                              | 4 512           |
| 311991     | Perishable prepared food manufacturing .....  | —                               | 11    | 4                         | 363                 | 10 657             | 300                 | 681           | 6 441                 | 22 854                            | 25 567                             | 48 588                               | D               |
| 311999     | All other miscellaneous food manufacturing .....                                      | 6                               | 18    | 3                         | 584                 | 24 409             | 426                 | 916           | 14 623                | 114 784                           | 79 262                             | 194 323                              | D               |
| 312        | Beverage and tobacco product manufacturing .....                                      | 1                               | 44    | 11                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 45 199          |
| 3121       | Beverage manufacturing .....  | 1                               | 34    | 10                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31211      | Soft drink and ice manufacturing .....  | —                               | 21    | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 37 499          |
| 312111     | Soft drink manufacturing ....   | —                               | 10    | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3122       | Tobacco manufacturing .....   | —                               | 10    | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31222      | Tobacco product manufacturing .....   | —                               | 10    | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312229     | Other tobacco product manufacturing .....   | —                               | 10    | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313        | Textile mills .....   | 2                               | 77    | 34                        | 2 989               | 89 471             | 2 232               | 4 480         | 54 567                | 204 429                           | 201 401                            | 398 790                              | 11 713          |
| 3131       | Fiber, yarn, and thread mills .....   | 5                               | 10    | 6                         | 269                 | 6 206              | 224                 | 453           | 4 500                 | 10 149                            | 28 470                             | 38 711                               | D               |
| 31311      | Fiber, yarn, and thread mills ...   | 5                               | 10    | 6                         | 269                 | 6 206              | 224                 | 453           | 4 500                 | 10 149                            | 28 470                             | 38 711                               | D               |
| 3132       | Fabric mills .....  | 1                               | 35    | 19                        | 1 905               | 57 512             | 1 360               | 2 729         | 33 491                | 147 798                           | 90 499                             | 235 011                              | D               |
| 31321      | Broadwoven fabric mills .....   | 4                               | 11    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 764           |
| 313210     | Broadwoven fabric mills .....   | 4                               | 11    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 764           |
| 31322      | Narrow fabric mills and schiffli machine embroidery .....                             | —                               | 9     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313221     | Narrow fabric mills .....   | —                               | 8     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 769           |
| 31323      | Nonwoven fabric mills .....   | 1                               | 12    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 313230     | Nonwoven fabric mills .....   | 1                               | 12    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3133       | Textile and fabric finishing and fabric coating mills .....                           | 2                               | 32    | 9                         | 815                 | 25 753             | 648                 | 1 298         | 16 576                | 46 482                            | 82 432                             | 125 068                              | 1 030           |
| 31331      | Textile and fabric finishing mills .....  | 2                               | 27    | 9                         | 758                 | 24 086             | 612                 | 1 227         | 15 777                | 43 642                            | 78 962                             | 118 859                              | 942             |
| 313311     | Broadwoven fabric finishing mills .....   | 2                               | 18    | 5                         | 569                 | 17 426             | 474                 | 939           | 11 970                | 23 150                            | 65 277                             | 91 448                               | 612             |
| 314        | Textile product mills .....   | 4                               | '125  | '28                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3141       | Textile furnishings mills .....   | 4                               | 49    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31412      | Curtain and linen mills .....   | 3                               | 45    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314121     | Curtain and drapery mills....   | 4                               | 30    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3149       | Other textile product mills .....   | 4                               | '76   | '20                       | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31491      | Textile bag and canvas mills ...  | '3                              | '24   | '5                        | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314912     | Canvas and related product mills .....  | 2                               | '22   | '4                        | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31499      | All other textile product mills ...   | 4                               | 52    | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 314999     | All other miscellaneous textile product mills.....                                    | 5                               | 46    | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315        | Apparel manufacturing .....   | 1                               | 245   | 70                        | 7 706               | 187 003            | 5 710               | 10 188        | 101 978               | 1 014 914                         | 1 412 782                          | 2 448 509                            | 19 757          |
| 3152       | Cut and sew apparel manufacturing .....   | —                               | 191   | 59                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 19 116          |
| 31521      | Cut and sew apparel contractors .....   | 6                               | 99    | 24                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 646             |
| 315211     | Men's and boys' cut and sew apparel contractors .....                                 | 9                               | 25    | 8                         | 1 100               | 17 082             | 965                 | 1 552         | 14 186                | 40 458                            | 4 579                              | 45 284                               | 325             |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....                   | 4                               | 74    | 16                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 321             |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                               | 4                               | 31    | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315222     | Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....              | —                               | 11    | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 537             |
| 315223     | Men's and boys' cut and sew shirt (except work shirt) manufacturing .....             | 7                               | 5     | 4                         | 313                 | 7 603              | 236                 | 417           | 4 835                 | 32 729                            | 33 027                             | 65 793                               | D               |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315        | Apparel manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3152       | Cut and sew apparel manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31523      | Women's and girls' cut and sew apparel manufacturing . . . . .                        | —              | 40                              | 16                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 16 174                               |
| 315232     | Women's and girls' cut and sew blouse and shirt manufacturing . . . . .               | —              | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315233     | Women's and girls' cut and sew dress manufacturing . . . . .                          | 3              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239     | Women's and girls' cut and sew other outerwear manufacturing . . . . .                | —              | 18                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31529      | Other cut and sew apparel manufacturing . . . . .                                     | 1              | 21                              | 6                         | 806                 | 17 468            | 638                 | 1 148         | 10 312          | 35 819                | 19 697                            | 55 864                             | D                                    |
| 315299     | All other cut and sew apparel manufacturing . . . . .                                 | 1              | 18                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3159       | Apparel accessories and other apparel manufacturing . . . . .                         | 4              | 40                              | 9                         | 560                 | 14 895            | 368                 | 702           | 7 042           | 27 801                | 35 851                            | 64 160                             | D                                    |
| 31599      | Apparel accessories and other apparel manufacturing . . . . .                         | 4              | 40                              | 9                         | 560                 | 14 895            | 368                 | 702           | 7 042           | 27 801                | 35 851                            | 64 160                             | D                                    |
| 315999     | Other apparel accessories and other apparel manufacturing . . . . .                   | 3              | 32                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 501                                  |
| 321        | Wood product manufacturing . . . . .  | 3              | 150                             | 35                        | 2 593               | 73 466            | 2 103               | 3 822         | 49 490          | 171 737               | 204 008                           | 367 274                            | D                                    |
| 3212       | Veneer, plywood, and engineered wood product manufacturing . . . . .                  | 3              | 16                              | 11                        | 981                 | 29 821            | 803                 | 1 267         | 19 022          | 55 530                | 51 916                            | 107 087                            | D                                    |
| 32121      | Veneer, plywood, and engineered wood product manufacturing . . . . .                  | 3              | 16                              | 11                        | 981                 | 29 821            | 803                 | 1 267         | 19 022          | 55 530                | 51 916                            | 107 087                            | D                                    |
| 321214     | Truss manufacturing . . . . .   | 3              | 11                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing . . . . .  | 4              | 122                             | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 583                                |
| 32191      | Millwork . . . . .  | 5              | 51                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321918     | Other millwork (including flooring) . . . . .   | 6              | 28                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32192      | Wood container and pallet manufacturing . . . . .                                     | 1              | 32                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321920     | Wood container and pallet manufacturing . . . . .                                     | 1              | 32                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing . . . . .  | 5              | 39                              | 5                         | 400                 | 11 630            | 314                 | 636           | 7 836           | 31 595                | 21 721                            | 53 133                             | D                                    |
| 321999     | All other miscellaneous wood product manufacturing . . . . .                          | 7              | 29                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing . . . . .   | 1              | 139                             | 88                        | 10 586              | 511 049           | 7 742               | 16 706        | 318 814         | 1 512 989             | 1 710 600                         | 3 216 440                          | 69 531                               |
| 3221       | Pulp, paper, and paperboard mills . . . . .   | —              | 12                              | 7                         | 1 546               | 96 061            | 1 288               | 2 804         | 78 971          | 447 221               | 457 845                           | 913 089                            | D                                    |
| 32212      | Paper mills . . . . .   | —              | 7                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills . . . . .  | —              | 7                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32213      | Paperboard mills . . . . .  | 4              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322130     | Paperboard mills . . . . .  | 4              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing . . . . .                                       | 1              | 127                             | 81                        | 9 040               | 414 988           | 6 454               | 13 902        | 239 843         | 1 065 768             | 1 252 755                         | 2 303 351                          | D                                    |
| 32221      | Paperboard container manufacturing . . . . .  | —              | 63                              | 47                        | 4 587               | 204 121           | 3 324               | 7 113         | 119 853         | 483 096               | 570 659                           | 1 048 387                          | 34 403                               |
| 322211     | Corrugated and solid fiber box manufacturing . . . . .                                | —              | 35                              | 29                        | 3 052               | 142 026           | 2 123               | 4 561         | 76 688          | 325 431               | 429 242                           | 749 455                            | 22 222                               |
| 322212     | Folding paperboard box manufacturing . . . . .  | 3              | 19                              | 11                        | 1 054               | 45 007            | 840                 | 1 818         | 32 117          | 113 360               | 119 191                           | 232 992                            | D                                    |
| 322214     | Fiber can, tube, drum, and similar products manufacturing . . . . .                   | 1              | 5                               | 4                         | 292                 | 9 909             | 219                 | 441           | 6 428           | 30 140                | 15 582                            | 45 132                             | D                                    |
| 32222      | Paper bag and coated and treated paper manufacturing . . . . .                        | 4              | 26                              | 17                        | 1 984               | 93 457            | 1 314               | 2 814         | 52 506          | 221 064               | 294 827                           | 506 318                            | 12 993                               |
| 322222     | Coated and laminated paper manufacturing . . . . .                                    | 5              | 19                              | 12                        | 1 285               | 62 869            | 826                 | 1 732         | 33 093          | 147 360               | 185 526                           | 330 199                            | 7 952                                |
| 322223     | Plastics, foil, and coated paper bag manufacturing . . . . .                          | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223      | Stationery product manufacturing . . . . .  | 1              | 22                              | 9                         | 1 014               | 42 461            | 741                 | 1 531         | 29 224          | 80 972                | 108 141                           | 189 270                            | D                                    |
| 322231     | Die-cut paper and paperboard office supplies manufacturing . . . . .                  | 5              | 14                              | 5                         | 280                 | 9 490             | 235                 | 451           | 6 893           | 21 020                | 22 187                            | 43 252                             | 706                                  |
| 322232     | Envelope manufacturing . . . . .  | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>            |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>      |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322        | Paper manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3222       | Converted paper product manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32229      | Other converted paper product manufacturing .....  | —  | 16                              | 8                         | 1 455               | 74 949            | 1 075               | 2 444         | 38 260          | 280 636               | 279 128                           | 559 376                            | 9 295                                |
| 322291     | Sanitary paper product manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322299     | All other converted paper product manufacturing .....                                      | —  | 15                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....  | 1  | '883                            | '213                      | '20 978             | '818 432          | '14 772             | '28 124       | '499 764        | '1 878 078            | '1 144 535                        | '3 023 689                         | '98 518                              |
| 3231       | Printing and related support activities .....  | 1  | '883                            | '213                      | '20 978             | '818 432          | '14 772             | '28 124       | '499 764        | '1 878 078            | '1 144 535                        | '3 023 689                         | '98 518                              |
| 32311      | Printing .....   | 1  | '787                            | '190                      | '18 008             | '707 418          | '12 311             | '23 418       | '421 507        | '1 645 852            | '1 088 452                        | '2 734 968                         | '91 210                              |
| 323110     | Commercial lithographic printing .....   | 1  | '379                            | '121                      | '12 201             | '506 238          | '8 278              | '15 706       | '302 397        | '1 134 196            | '657 429                          | '1 791 316                         | '66 353                              |
| 323111     | Commercial gravure printing .....  | —  | 8                               | 3                         | 487                 | 22 089            | 367                 | 752           | 16 685          | 70 664                | 71 515                            | 141 236                            | D                                    |
| 323112     | Commercial flexographic printing .....   | 1  | 17                              | 4                         | 628                 | 27 721            | 413                 | 879           | 13 511          | 65 139                | 71 201                            | 136 995                            | 2 816                                |
| 323113     | Commercial screen printing .....   | 5  | 84                              | 14                        | 956                 | 28 757            | 682                 | 1 198         | 16 363          | 53 105                | 28 153                            | 82 348                             | 2 537                                |
| 323114     | Quick printing .....   | 5  | 173                             | 12                        | 1 043               | 31 519            | 679                 | 1 206         | 18 286          | 70 529                | 29 472                            | 99 892                             | 8 879                                |
| 323115     | Digital printing .....   | 2  | 29                              | 8                         | 444                 | 16 236            | 259                 | 432           | 8 030           | 32 376                | 17 354                            | 49 146                             | 1 009                                |
| 323116     | Manifold business forms printing .....   | 3  | 25                              | 12                        | 1 132               | 34 032            | 826                 | 1 729         | 21 546          | 127 014               | 144 339                           | 271 030                            | 2 975                                |
| 323117     | Books printing .....   | —  | 8                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323119     | Other commercial printing .....  | 5  | 59                              | 12                        | 623                 | 22 489            | 423                 | 753           | 13 161          | 43 968                | 35 698                            | 79 542                             | 3 050                                |
| 32312      | Support activities for printing .....  | 1  | 96                              | 23                        | 2 970               | 111 014           | 2 461               | 4 706         | 78 257          | 232 226               | 56 083                            | 288 721                            | 7 308                                |
| 323121     | Tradebinding and related work .....  | 1  | 39                              | 11                        | 873                 | 32 451            | 688                 | 1 408         | 21 080          | 67 220                | 17 049                            | 84 554                             | 3 349                                |
| 323122     | Prepress services .....  | 1  | 57                              | 12                        | 2 097               | 78 563            | 1 773               | 3 298         | 57 177          | 165 006               | 39 034                            | 204 167                            | 3 959                                |
| 324        | Petroleum and coal products manufacturing .....  | —  | 61                              | 27                        | 5 368               | 360 562           | 3 350               | 7 240         | 217 676         | 2 648 979             | 13 929 190                        | 16 365 460                         | 257 321                              |
| 3241       | Petroleum and coal products manufacturing .....  | —  | 61                              | 27                        | 5 368               | 360 562           | 3 350               | 7 240         | 217 676         | 2 648 979             | 13 929 190                        | 16 365 460                         | 257 321                              |
| 32411      | Petroleum refineries .....   | —  | 9                               | 8                         | 4 141               | 306 569           | 2 566               | 5 714         | 188 788         | 2 354 047             | 13 322 747                        | 15 476 991                         | 203 948                              |
| 324110     | Petroleum refineries .....   | —  | 9                               | 8                         | 4 141               | 306 569           | 2 566               | 5 714         | 188 788         | 2 354 047             | 13 322 747                        | 15 476 991                         | 203 948                              |
| 32412      | Asphalt paving, roofing, and saturated materials manufacturing .....                       | 1  | 32                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 36 660                               |
| 324122     | Asphalt shingle and coating materials manufacturing .....                                  | —  | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32419      | Other petroleum and coal products manufacturing .....                                      | 2  | 20                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 16 713                               |
| 324191     | Petroleum lubricating oil and grease manufacturing .....                                   | 2  | 17                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....   | —  | 346                             | 176                       | 28 801              | 1 747 653         | 14 027              | 29 536        | 718 311         | 16 241 742            | 12 903 478                        | 29 226 632                         | 722 961                              |
| 3251       | Basic chemical manufacturing .....   | —  | 68                              | 37                        | 6 003               | 379 793           | 2 997               | 6 283         | 165 155         | 2 025 227             | 1 534 637                         | 3 561 070                          | 102 677                              |
| 32512      | Industrial gas manufacturing .....   | —  | 15                              | 5                         | 1 958               | 135 594           | 763                 | 1 516         | 52 480          | 460 736               | 177 094                           | 637 227                            | D                                    |
| 325120     | Industrial gas manufacturing .....   | —  | 15                              | 5                         | 1 958               | 135 594           | 763                 | 1 516         | 52 480          | 460 736               | 177 094                           | 637 227                            | D                                    |
| 32513      | Synthetic dye and pigment manufacturing .....  | —  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325132     | Synthetic organic dye and pigment manufacturing .....                                      | —  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32518      | Other basic inorganic chemical manufacturing .....   | —  | 20                              | 12                        | 1 180               | 74 691            | 676                 | 1 429         | 34 487          | 678 858               | 732 582                           | 1 415 609                          | D                                    |
| 325181     | Alkalies and chlorine manufacturing .....  | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325188     | All other basic inorganic chemical manufacturing .....                                     | —  | 18                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | 1  | 24                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325192     | Cyclic crude and intermediate manufacturing .....  | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325199     | All other basic organic chemical manufacturing .....                                       | 1  | 23                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 22 141                               |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | 1  | 36                              | 29                        | 3 012               | 158 668           | 1 963               | 3 588         | 89 010          | 488 042               | 907 701                           | 1 396 612                          | D                                    |
| 32521      | Resin and synthetic rubber manufacturing .....   | 1  | 34                              | 29                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325211     | Plastics material and resin manufacturing .....  | 1  | 32                              | 28                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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| NAICS code  | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|             |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|             | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|             | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325<br>3254 | Chemical manufacturing—Con. Pharmaceutical and medicine manufacturing .....           | —              | 51                              | 31                        | 13 915              | 926 862           | 5 827               | 12 983        | 339 120         | 12 725 035            | 9 326 778                         | 22 132 641                         | 511 694                              |
| 32541       | Pharmaceutical and medicine manufacturing .....                                       | —              | 51                              | 31                        | 13 915              | 926 862           | 5 827               | 12 983        | 339 120         | 12 725 035            | 9 326 778                         | 22 132 641                         | 511 694                              |
| 325411      | Medicinal and botanical manufacturing .....   | —              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412      | Pharmaceutical preparation manufacturing .....  | —              | 31                              | 17                        | 11 813              | 794 313           | 4 943               | 10 630        | 297 021         | 12 094 056            | 9 166 117                         | 21 345 030                         | 431 139                              |
| 325413      | In-vitro diagnostic substance manufacturing .....                                     | —              | 6                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414      | Biological product (except diagnostic) manufacturing ..                               | 1              | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255        | Paint, coating, and adhesive manufacturing .....                                      | 3              | 48                              | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32551       | Paint and coating manufacturing .....   | 4              | 34                              | 20                        | 1 421               | 65 340            | 659                 | 1 269         | 21 489          | 184 005               | 219 302                           | 404 908                            | 8 878                                |
| 325510      | Paint and coating manufacturing .....   | 4              | 34                              | 20                        | 1 421               | 65 340            | 659                 | 1 269         | 21 489          | 184 005               | 219 302                           | 404 908                            | 8 878                                |
| 32552       | Adhesive manufacturing .....  | —              | 14                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325520      | Adhesive manufacturing .....  | —              | 14                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3256        | Soap, cleaning compound, and toilet preparation manufacturing ..                      | 1              | 53                              | 17                        | 1 830               | 96 076            | 1 049               | 2 299         | 47 070          | 428 707               | 404 538                           | 832 785                            | 36 867                               |
| 32561       | Soap and cleaning compound manufacturing .....  | 1              | 43                              | 14                        | 1 726               | 91 164            | 982                 | 2 153         | 44 639          | 410 750               | 396 416                           | 806 806                            | 35 854                               |
| 325611      | Soap and other detergent manufacturing .....  | 4              | 17                              | 3                         | 265                 | 15 623            | 134                 | 259           | 4 203           | 48 557                | 30 542                            | 79 037                             | D                                    |
| 325612      | Polish and other sanitation good manufacturing .....                                  | —              | 16                              | 6                         | 1 003               | 52 480            | 645                 | 1 413         | 27 630          | 264 010               | 172 283                           | 434 795                            | D                                    |
| 325613      | Surface active agent manufacturing .....  | 1              | 10                              | 5                         | 458                 | 23 061            | 203                 | 481           | 12 806          | 98 183                | 193 591                           | 292 974                            | 8 111                                |
| 3259        | Other chemical product and preparation manufacturing .....                            | 2              | 72                              | 34                        | 2 015               | 95 645            | 1 172               | 2 357         | 44 110          | 305 153               | 402 395                           | 701 499                            | 23 781                               |
| 32591       | Printing ink manufacturing .....  | —              | 12                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325910      | Printing ink manufacturing .....  | —              | 12                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32599       | All other chemical product and preparation manufacturing ..                           | 3              | 59                              | 24                        | 1 610               | 75 567            | 953                 | 1 881         | 35 715          | 241 265               | 293 419                           | 534 422                            | 21 284                               |
| 325991      | Custom compounding of purchased resins .....  | 2              | 17                              | 9                         | 611                 | 28 974            | 407                 | 829           | 15 890          | 87 196                | 160 307                           | 243 298                            | D                                    |
| 325998      | All other miscellaneous chemical product and preparation manufacturing ..             | 4              | 33                              | 13                        | 854                 | 41 925            | 446                 | 872           | 17 735          | 142 519               | 115 836                           | 262 335                            | 12 727                               |
| 326         | Plastics and rubber products manufacturing .....                                      | 2              | 301                             | 146                       | 16 748              | 622 014           | 12 223              | 23 280        | 366 395         | 1 613 327             | 1 287 110                         | 2 900 739                          | 226 470                              |
| 3261        | Plastics product manufacturing ..   | 2              | 257                             | 127                       | 15 669              | 585 116           | 11 425              | 21 684        | 342 641         | 1 525 376             | 1 224 734                         | 2 749 038                          | 221 046                              |
| 32611       | Plastics packaging materials and un laminated film and sheet manufacturing .....      | 2              | 52                              | 29                        | 2 880               | 133 430           | 2 025               | 4 368         | 83 614          | 316 088               | 329 336                           | 646 025                            | 40 368                               |
| 326111      | Plastics bag manufacturing ..   | 5              | 11                              | 6                         | 495                 | 16 612            | 404                 | 876           | 12 422          | 53 134                | 53 834                            | 105 764                            | 6 960                                |
| 326112      | Plastics packaging film and sheet (including laminated) manufacturing .....           | —              | 10                              | 9                         | 847                 | 39 146            | 662                 | 1 477         | 27 524          | 94 762                | 93 262                            | 189 651                            | 12 794                               |
| 326113      | Unlaminated plastics film and sheet (except packaging) manufacturing .....            | 2              | 31                              | 14                        | 1 538               | 77 672            | 959                 | 2 015         | 43 668          | 168 192               | 182 240                           | 350 610                            | 20 614                               |
| 32612       | Plastics pipe, pipe fitting, and un laminated profile shape manufacturing .....       | 2              | 21                              | 12                        | 1 021               | 39 261            | 750                 | 1 552         | 23 307          | 135 444               | 76 257                            | 214 649                            | 45 423                               |
| 326121      | Unlaminated plastics profile shape manufacturing .....                                | 2              | 15                              | 8                         | 649                 | 26 685            | 440                 | 922           | 14 157          | 106 434               | 54 456                            | 165 157                            | 36 505                               |
| 326122      | Plastics pipe and pipe fitting manufacturing .....                                    | 1              | 6                               | 4                         | 372                 | 12 576            | 310                 | 630           | 9 150           | 29 010                | 21 801                            | 49 492                             | 8 918                                |
| 32615       | Urethane and other foam product (except polystyrene) manufacturing .....              | 1              | 16                              | 10                        | 781                 | 32 847            | 538                 | 1 136         | 20 983          | 94 131                | 83 343                            | 175 556                            | D                                    |
| 326150      | Urethane and other foam product (except polystyrene) manufacturing .....              | 1              | 16                              | 10                        | 781                 | 32 847            | 538                 | 1 136         | 20 983          | 94 131                | 83 343                            | 175 556                            | D                                    |
| 32616       | Plastics bottle manufacturing ..  | 2              | 8                               | 8                         | 686                 | 25 072            | 593                 | 1 276         | 19 737          | 100 005               | 101 853                           | 206 834                            | 25 689                               |
| 326160      | Plastics bottle manufacturing .....   | 2              | 8                               | 8                         | 686                 | 25 072            | 593                 | 1 276         | 19 737          | 100 005               | 101 853                           | 206 834                            | 25 689                               |
| 32619       | Other plastics product manufacturing .....  | 2              | 144                             | 63                        | 9 895               | 338 016           | 7 271               | 12 856        | 187 061         | 848 267               | 606 647                           | 1 447 239                          | 97 660                               |
| 326192      | Resilient floor covering manufacturing .....  | —              | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199      | All other plastics product manufacturing .....  | 2              | 136                             | 59                        | 8 506               | 273 518           | 6 545               | 11 479        | 162 269         | 646 661               | 451 045                           | 1 097 621                          | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326        | Plastics and rubber products manufacturing—Con.                                       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3262       | Rubber product manufacturing . . .  | 2              | 44                              | 19                        | 1 079               | 36 898            | 798                 | 1 596         | 23 754          | 87 951                | 62 376                            | 151 701                            | 5 424                                |
| 32629      | Other rubber product manufacturing . . .  | 2              | 31                              | 15                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299     | All other rubber product manufacturing . . .  | 1              | 18                              | 12                        | 654                 | 22 953            | 501                 | 984           | 14 554          | 58 058                | 39 894                            | 98 123                             | D                                    |
| 327        | Nonmetallic mineral product manufacturing . . .                                       | 1              | 236                             | '88                       | '6 746              | '287 530          | '4 971              | '10 495       | '191 187        | '858 049              | '612 276                          | '1 462 902                         | '72 258                              |
| 3271       | Clay product and refractory manufacturing . . .                                       | 1              | 26                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing . . .                           | —              | 15                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327112     | Vitreous china, fine earthenware, and other pottery product manufacturing . . .       | —              | 14                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272       | Glass and glass product manufacturing . . .   | 1              | 49                              | 19                        | 1 792               | 70 095            | 1 380               | 2 944         | 49 465          | 205 560               | 126 113                           | 333 047                            | 25 890                               |
| 32721      | Glass and glass product manufacturing . . .   | 1              | 49                              | 19                        | 1 792               | 70 095            | 1 380               | 2 944         | 49 465          | 205 560               | 126 113                           | 333 047                            | 25 890                               |
| 327213     | Glass container manufacturing . . .   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215     | Glass product manufacturing made of purchased glass . .                               | 2              | 36                              | 16                        | 1 158               | 41 667            | 844                 | 1 773         | 26 467          | 105 847               | 72 707                            | 177 709                            | D                                    |
| 3273       | Cement and concrete product manufacturing . . .                                       | 1              | '98                             | '43                       | '2 844              | '121 340          | '2 043              | '4 267        | '77 570         | '372 663              | '242 676                          | '609 674                           | '20 689                              |
| 32732      | Ready-mix concrete manufacturing . . .  | 2              | 56                              | 22                        | 1 368               | 58 345            | 1 037               | 2 125         | 42 456          | 140 102               | 153 359                           | 293 588                            | 11 598                               |
| 327320     | Ready-mix concrete manufacturing . . .  | 2              | 56                              | 22                        | 1 368               | 58 345            | 1 037               | 2 125         | 42 456          | 140 102               | 153 359                           | 293 588                            | 11 598                               |
| 32733      | Concrete pipe, brick, and block manufacturing . . .                                   | —              | '15                             | '7                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32739      | Other concrete product manufacturing . . .  | —              | 26                              | 13                        | 998                 | 38 202            | 660                 | 1 337         | 21 577          | 156 750               | 49 597                            | 206 082                            | 5 412                                |
| 327390     | Other concrete product manufacturing . . .  | —              | 26                              | 13                        | 998                 | 38 202            | 660                 | 1 337         | 21 577          | 156 750               | 49 597                            | 206 082                            | 5 412                                |
| 3274       | Lime and gypsum product manufacturing . . .   | —              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32742      | Gypsum product manufacturing . . .  | —              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327420     | Gypsum product manufacturing . . .  | —              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3279       | Other nonmetallic mineral product manufacturing . . .                                 | '1             | '56                             | 18                        | '1 326              | '62 134           | '937                | '1 978        | '39 479         | '185 453              | '137 047                          | '322 350                           | '12 539                              |
| 32799      | All other nonmetallic mineral product manufacturing . . .                             | '1             | '47                             | 15                        | '1 160              | '55 714           | '834                | '1 774        | '36 223         | '169 239              | '126 814                          | '295 381                           | '12 225                              |
| 327991     | Cut stone and stone product manufacturing . . .                                       | 1              | 19                              | 4                         | 329                 | 16 015            | 215                 | 430           | 9 926           | 31 838                | 14 555                            | 45 762                             | D                                    |
| 327993     | Mineral wool manufacturing . . .  | —              | 7                               | 4                         | 396                 | 20 362            | 315                 | 690           | 15 138          | 83 740                | 41 072                            | 125 057                            | D                                    |
| 331        | Primary metal manufacturing . . .   | —              | 77                              | 37                        | 6 049               | 276 640           | 4 382               | 9 135         | 182 063         | 786 675               | 1 070 851                         | 1 863 897                          | 37 048                               |
| 3311       | Iron and steel mills and ferroalloy manufacturing . . .                               | —              | 10                              | 8                         | 2 276               | 119 716           | 1 619               | 3 399         | 79 290          | 354 882               | 486 394                           | 831 022                            | 9 406                                |
| 33111      | Iron and steel mills and ferroalloy manufacturing . . .                               | —              | 10                              | 8                         | 2 276               | 119 716           | 1 619               | 3 399         | 79 290          | 354 882               | 486 394                           | 831 022                            | 9 406                                |
| 331111     | Iron and steel mills . . .  | —              | 10                              | 8                         | 2 276               | 119 716           | 1 619               | 3 399         | 79 290          | 354 882               | 486 394                           | 831 022                            | 9 406                                |
| 3312       | Steel product manufacturing from purchased steel . . .                                | 1              | 13                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33121      | Iron and steel pipe and tube manufacturing from purchased steel . . .                 | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331210     | Iron and steel pipe and tube manufacturing from purchased steel . . .                 | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122      | Rolling and drawing of purchased steel . . .  | —              | 12                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313       | Alumina and aluminum production and processing . . .                                  | —              | 5                               | 4                         | 950                 | 38 701            | 714                 | 1 504         | 22 849          | 83 073                | 188 162                           | 276 067                            | D                                    |
| 33131      | Alumina and aluminum production and processing . . .                                  | —              | 5                               | 4                         | 950                 | 38 701            | 714                 | 1 504         | 22 849          | 83 073                | 188 162                           | 276 067                            | D                                    |
| 331316     | Aluminum extruded product manufacturing . . .   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
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|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>             |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331        | Primary metal manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                                | 1              | 19                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 825                                |
| 33141      | Nonferrous metal (except aluminum) smelting and refining .....                                    | 5              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331419     | Primary smelting and refining of nonferrous metal (except copper and aluminum) .....              | 5              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | —              | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331492     | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | —              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315       | Foundries .....   | —              | 30                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 9 281                                |
| 33151      | Ferrous metal foundries .....   | —              | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 648                                |
| 331511     | Iron foundries .....  | —              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152      | Nonferrous metal foundries .....  | 3              | 19                              | 2                         | 353                 | 10 732            | 310                 | 557           | 8 225           | 18 774                | 9 874                             | 28 553                             | 633                                  |
| 332        | Fabricated metal product manufacturing .....  | 2              | 1 139                           | 317                       | 25 449              | 1 051 970         | 18 673              | 38 205        | 665 775         | 2 359 620             | 1 406 883                         | 3 710 126                          | 106 691                              |
| 3321       | Forging and stamping .....  | 2              | 46                              | 21                        | 1 125               | 45 459            | 842                 | 1 736         | 28 199          | 92 795                | 69 831                            | 163 213                            | 4 151                                |
| 33211      | Forging and stamping .....  | 2              | 46                              | 21                        | 1 125               | 45 459            | 842                 | 1 736         | 28 199          | 92 795                | 69 831                            | 163 213                            | 4 151                                |
| 332114     | Custom roll forming .....   | —              | 11                              | 8                         | 395                 | 16 439            | 278                 | 590           | 9 133           | 29 771                | 19 856                            | 50 404                             | 764                                  |
| 332116     | Metal stamping .....  | 2              | 24                              | 9                         | 464                 | 17 830            | 352                 | 736           | 11 293          | 42 666                | 27 796                            | 70 280                             | 2 483                                |
| 3322       | Cutlery and handtool manufacturing .....  | 1              | 39                              | 10                        | 706                 | 26 217            | 474                 | 932           | 14 041          | 80 284                | 56 791                            | 136 501                            | 4 116                                |
| 33221      | Cutlery and handtool manufacturing .....  | 1              | 39                              | 10                        | 706                 | 26 217            | 474                 | 932           | 14 041          | 80 284                | 56 791                            | 136 501                            | 4 116                                |
| 332212     | Hand and edge tool manufacturing .....  | 1              | 28                              | 6                         | 403                 | 14 378            | 268                 | 553           | 7 906           | 36 060                | 22 433                            | 58 552                             | 2 487                                |
| 3323       | Architectural and structural metals manufacturing .....   | 2              | 249                             | 97                        | 7 414               | 297 896           | 5 481               | 11 321        | 186 419         | 752 945               | 531 561                           | 1 209 940                          | 36 247                               |
| 33231      | Plate work and fabricated structural product manufacturing .....                                  | 4              | 74                              | 33                        | 2 898               | 134 633           | 2 131               | 4 595         | 85 263          | 357 410               | 241 458                           | 519 785                            | 23 517                               |
| 332312     | Fabricated structural metal manufacturing .....   | 4              | 48                              | 22                        | 2 258               | 110 040           | 1 671               | 3 667         | 71 835          | 303 620               | 208 136                           | 432 641                            | 21 655                               |
| 332313     | Plate work manufacturing .....  | 4              | 22                              | 9                         | 503                 | 19 586            | 371                 | 761           | 11 166          | 40 032                | 21 005                            | 61 177                             | D                                    |
| 33232      | Ornamental and architectural metal products manufacturing .....                                   | 1              | 175                             | 64                        | 4 516               | 163 263           | 3 350               | 6 726         | 101 156         | 395 535               | 290 103                           | 690 155                            | 12 730                               |
| 332321     | Metal window and door manufacturing .....   | —              | 19                              | 12                        | 779                 | 23 471            | 556                 | 954           | 12 824          | 53 610                | 71 545                            | 125 092                            | 2 045                                |
| 332322     | Sheet metal work manufacturing .....  | 2              | 105                             | 42                        | 2 779               | 97 926            | 2 107               | 4 335         | 62 740          | 214 479               | 140 840                           | 358 586                            | 7 575                                |
| 332323     | Ornamental and architectural metal work manufacturing .....                                       | —              | 51                              | 10                        | 958                 | 41 866            | 687                 | 1 437         | 25 592          | 127 446               | 77 718                            | 206 477                            | 3 110                                |
| 3324       | Boiler, tank, and shipping container manufacturing .....  | 4              | 26                              | 12                        | 1 096               | 44 529            | 875                 | 1 837         | 31 556          | 93 680                | 143 082                           | 237 076                            | 4 266                                |
| 33241      | Power boiler and heat exchanger manufacturing .....   | 5              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332410     | Power boiler and heat exchanger manufacturing .....   | 5              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33242      | Metal tank (heavy gauge) manufacturing .....  | 7              | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332420     | Metal tank (heavy gauge) manufacturing .....  | 7              | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....                       | 3              | 9                               | 5                         | 494                 | 20 551            | 421                 | 937           | 15 760          | 49 335                | 102 863                           | 152 330                            | 1 239                                |
| 332439     | Other metal container manufacturing .....   | 5              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3325       | Hardware manufacturing .....  | —              | 12                              | 4                         | 291                 | 10 560            | 267                 | 542           | 8 849           | 41 210                | 13 978                            | 55 176                             | 921                                  |
| 33251      | Hardware manufacturing .....  | —              | 12                              | 4                         | 291                 | 10 560            | 267                 | 542           | 8 849           | 41 210                | 13 978                            | 55 176                             | 921                                  |
| 332510     | Hardware manufacturing .....  | —              | 12                              | 4                         | 291                 | 10 560            | 267                 | 542           | 8 849           | 41 210                | 13 978                            | 55 176                             | 921                                  |
| 3326       | Spring and wire product manufacturing .....   | 2              | 41                              | 14                        | 1 019               | 37 456            | 747                 | 1 444         | 22 013          | 77 230                | 46 404                            | 124 643                            | 3 126                                |
| 33261      | Spring and wire product manufacturing .....   | 2              | 41                              | 14                        | 1 019               | 37 456            | 747                 | 1 444         | 22 013          | 77 230                | 46 404                            | 124 643                            | 3 126                                |
| 332618     | Other fabricated wire product manufacturing .....   | 3              | 33                              | 11                        | 801                 | 27 231            | 594                 | 1 167         | 16 611          | 55 118                | 31 618                            | 87 821                             | D                                    |

See footnotes at end of table.



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|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>             |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 332        | Fabricated metal product manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                       | 2                               | 474   | 78                        | 8 068               | 351 358            | 6 182               | 12 724        | 241 751               | 692 181                           | 284 636                            | 980 762                              | 32 431          |
| 33271      | Machine shops .....   | 3                               | 407   | 51                        | 4 264               | 183 035            | 3 088               | 6 184         | 116 582               | 350 665                           | 146 400                            | 499 546                              | 18 300          |
| 332710     | Machine shops .....   | 3                               | 407   | 51                        | 4 264               | 183 035            | 3 088               | 6 184         | 116 582               | 350 665                           | 146 400                            | 499 546                              | 18 300          |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                       | 1                               | 67    | 27                        | 3 804               | 168 323            | 3 094               | 6 540         | 125 169               | 341 516                           | 138 236                            | 481 216                              | 14 131          |
| 332721     | Precision turned product manufacturing .....  | 2                               | 47    | 19                        | 1 616               | 68 550             | 1 264               | 2 848         | 47 669                | 118 828                           | 63 431                             | 179 770                              | 8 084           |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....   | —                               | 20    | 8                         | 2 188               | 99 773             | 1 830               | 3 692         | 77 500                | 222 688                           | 74 805                             | 301 446                              | 6 047           |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                    | 1                               | '114  | '19                       | '1 384              | '54 149            | '989                | '2 036        | '34 620               | '112 585                          | '57 685                            | '176 207                             | '4 695          |
| 33281      | Coating, engraving, heat treating, and allied activities ..                                       | 1                               | '114  | '19                       | '1 384              | '54 149            | '989                | '2 036        | '34 620               | '112 585                          | '57 685                            | '176 207                             | '4 695          |
| 332811     | Metal heat treating .....   | 1                               | 17    | 4                         | 319                 | 13 162             | 203                 | 415           | 7 268                 | 37 618                            | 7 256                              | 44 946                               | 2 347           |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .. | '1                              | '44   | '7                        | '464                | '18 152            | '333                | '707          | '12 151               | '33 046                           | '38 606                            | '77 378                              | '1 084          |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                 | 1                               | 53    | 8                         | 601                 | 22 835             | 453                 | 914           | 15 201                | 41 921                            | 11 823                             | 53 883                               | 1 264           |
| 3329       | Other fabricated metal product manufacturing .....  | 2                               | 138   | 62                        | 4 346               | 184 346            | 2 816               | 5 633         | 98 327                | 416 710                           | 202 915                            | 626 608                              | 16 738          |
| 33291      | Metal valve manufacturing ....  | 1                               | 28    | 15                        | 1 243               | 57 953             | 630                 | 1 251         | 24 483                | 142 872                           | 68 466                             | 216 375                              | 3 451           |
| 332911     | Industrial valve manufacturing .....  | —                               | 16    | 8                         | 819                 | 41 182             | 376                 | 755           | 16 625                | 99 647                            | 45 923                             | 154 661                              | 2 184           |
| 33299      | All other fabricated metal product manufacturing .....  | 2                               | 110   | 47                        | 3 103               | 126 393            | 2 186               | 4 382         | 73 844                | 273 838                           | 134 449                            | 410 233                              | 13 287          |
| 332991     | Ball and roller bearing manufacturing .....   | 7                               | 5     | 5                         | 475                 | 19 360             | 325                 | 642           | 10 675                | 41 609                            | 17 756                             | 62 378                               | D               |
| 332996     | Fabricated pipe and pipe fitting manufacturing .....  | —                               | 16    | 7                         | 776                 | 34 880             | 557                 | 1 183         | 20 997                | 61 810                            | 23 462                             | 84 977                               | 2 279           |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                              | 2                               | 74    | 31                        | 1 690               | 66 504             | 1 188               | 2 292         | 38 755                | 139 128                           | 84 678                             | 222 868                              | 8 942           |
| 333        | Machinery manufacturing .....   | 2                               | '498  | '176                      | '13 653             | '606 944           | '7 891              | '15 693       | '277 515              | '1 295 028                        | '1 015 552                         | '2 311 698                           | '51 407         |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....                               | 4                               | 16    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33311      | Agricultural implement manufacturing .....  | 5                               | 14    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333112     | Lawn and garden tractor and home lawn and garden equipment manufacturing ..                       | 6                               | 6     | 4                         | 341                 | 11 266             | 274                 | 491           | 7 411                 | 25 492                            | 27 722                             | 52 379                               | 1 211           |
| 3332       | Industrial machinery manufacturing .....  | 3                               | 96    | 28                        | 2 038               | 94 963             | 1 162               | 2 285         | 41 519                | 196 104                           | 136 100                            | 332 874                              | 5 841           |
| 33322      | Plastics and rubber industry machinery manufacturing ....   | 4                               | 11    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333220     | Plastics and rubber industry machinery manufacturing ..   | 4                               | 11    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33329      | Other industrial machinery manufacturing .....  | 3                               | 83    | 25                        | 1 746               | 79 967             | 1 005               | 1 987         | 35 903                | 159 596                           | 112 903                            | 272 976                              | D               |
| 333294     | Food product machinery manufacturing .....  | 2                               | 10    | 6                         | 420                 | 20 400             | 275                 | 526           | 11 600                | 44 295                            | 31 832                             | 74 659                               | 1 206           |
| 333295     | Semiconductor machinery manufacturing .....   | —                               | 7     | 5                         | 274                 | 15 748             | 91                  | 187           | 3 886                 | 26 054                            | 17 866                             | 46 134                               | D               |
| 333298     | All other industrial machinery manufacturing .....  | 4                               | 39    | 7                         | 685                 | 26 099             | 440                 | 871           | 13 047                | 55 598                            | 40 245                             | 94 578                               | D               |
| 3333       | Commercial and service industry machinery manufacturing .....                                     | 1                               | 53    | 23                        | 2 499               | 124 040            | 1 184               | 2 361         | 40 159                | 276 388                           | 193 296                            | 473 130                              | 12 750          |
| 33331      | Commercial and service industry machinery manufacturing .....                                     | 1                               | 53    | 23                        | 2 499               | 124 040            | 1 184               | 2 361         | 40 159                | 276 388                           | 193 296                            | 473 130                              | 12 750          |
| 333311     | Automatic vending machine manufacturing .....   | 3                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333313     | Office machinery manufacturing .....  | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333314     | Optical instrument and lens manufacturing .....   | 2                               | 16    | 7                         | 301                 | 12 307             | 215                 | 457           | 7 464                 | 21 859                            | 9 376                              | 30 912                               | 1 568           |
| 333319     | Other commercial and service industry machinery manufacturing .....                               | —                               | 24    | 10                        | 612                 | 25 534             | 368                 | 746           | 12 356                | 76 589                            | 55 612                             | 133 722                              | 2 021           |

See footnotes at end of table.

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>                                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 1              | 39                              | 21                        | 1 666               | 67 273            | 1 019               | 1 985         | 31 697          | 163 319               | 160 304                           | 326 265                            | 5 852                                |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 1              | 39                              | 21                        | 1 666               | 67 273            | 1 019               | 1 985         | 31 697          | 163 319               | 160 304                           | 326 265                            | 5 852                                |
| 333411     | Air purification equipment manufacturing .....  | —              | 10                              | 5                         | 615                 | 31 982            | 272                 | 471           | 10 513          | 74 663                | 83 433                            | 160 131                            | 2 911                                |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | 2              | 21                              | 11                        | 709                 | 24 477            | 572                 | 1 151         | 16 222          | 60 424                | 53 165                            | 114 446                            | D                                    |
| 3335       | Metalworking machinery manufacturing .....  | 2              | 123                             | 28                        | 1 537               | 70 496            | 1 116               | 2 326         | 46 287          | 139 074               | 63 997                            | 195 786                            | 7 990                                |
| 33351      | Metalworking machinery manufacturing .....  | 2              | 123                             | 28                        | 1 537               | 70 496            | 1 116               | 2 326         | 46 287          | 139 074               | 63 997                            | 195 786                            | 7 990                                |
| 333511     | Industrial mold manufacturing .....   | —              | 31                              | 5                         | 298                 | 13 833            | 227                 | 480           | 9 845           | 20 330                | 15 954                            | 36 449                             | 1 621                                |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....   | 3              | 51                              | 13                        | 652                 | 31 266            | 501                 | 1 097         | 22 283          | 53 006                | 21 616                            | 72 313                             | 3 664                                |
| 333515     | Cutting tool and machine tool accessory manufacturing .....   | 2              | 24                              | 4                         | 317                 | 14 003            | 197                 | 358           | 7 187           | 31 877                | 11 770                            | 43 936                             | D                                    |
| 3336       | Engine, turbine, and power transmission equipment manufacturing .....   | —              | 18                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33361      | Engine, turbine, and power transmission equipment manufacturing .....   | —              | 18                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333612     | Speed changer, industrial high-speed drive, and gear manufacturing .....  | 1              | 7                               | 5                         | 264                 | 10 300            | 196                 | 442           | 6 819           | 27 121                | 19 368                            | 43 014                             | 400                                  |
| 3339       | Other general purpose machinery manufacturing .....   | 3              | '153                            | '61                       | '4 825              | '203 182          | '2 638              | '5 117        | '90 945         | '422 878              | '375 003                          | '802 271                           | D                                    |
| 33391      | Pump and compressor manufacturing .....   | 4              | '23                             | '12                       | '974                | '44 898           | '522                | '1 020        | '18 841         | '94 318               | '99 243                           | '192 761                           | D                                    |
| 333911     | Pump and pumping equipment manufacturing ..   | 5              | 15                              | 6                         | 534                 | 26 691            | 268                 | 570           | 11 126          | 60 402                | 56 374                            | 114 796                            | D                                    |
| 333912     | Air and gas compressor manufacturing .....  | '3             | '7                              | '5                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392      | Material handling equipment manufacturing .....   | 5              | 35                              | 15                        | 1 335               | 51 185            | 798                 | 1 624         | 26 916          | 108 793               | 113 026                           | 224 868                            | D                                    |
| 333922     | Conveyor and conveying equipment manufacturing ..   | 1              | 13                              | 5                         | 342                 | 15 640            | 158                 | 327           | 6 602           | 36 160                | 22 190                            | 61 187                             | D                                    |
| 333923     | Overhead traveling crane, hoist, and monorail system manufacturing .....  | 7              | 8                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333924     | Industrial truck, tractor, trailer, and stacker machinery manufacturing ..  | 3              | 11                              | 6                         | 463                 | 19 413            | 324                 | 667           | 12 069          | 38 933                | 41 136                            | 79 307                             | D                                    |
| 33399      | All other general purpose machinery manufacturing ....  | 2              | 95                              | 34                        | 2 516               | 107 099           | 1 318               | 2 473         | 45 188          | 219 767               | 162 734                           | 384 642                            | D                                    |
| 333993     | Packaging machinery manufacturing .....   | 3              | 23                              | 12                        | 549                 | 27 562            | 294                 | 600           | 12 473          | 44 211                | 34 639                            | 79 519                             | 2 922                                |
| 333994     | Industrial process furnace and oven manufacturing ...   | 1              | 15                              | 6                         | 538                 | 23 454            | 184                 | 356           | 7 307           | 54 855                | 40 395                            | 92 737                             | 712                                  |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....   | 2              | 42                              | 12                        | 1 040               | 39 779            | 572                 | 979           | 15 689          | 80 376                | 58 635                            | 143 470                            | D                                    |
| 334        | Computer and electronic product manufacturing .....   | 1              | '373                            | '144                      | '21 460             | '1 131 442        | '11 756             | '23 309       | '532 223        | '2 535 646            | '1 655 321                        | '4 198 048                         | '99 219                              |
| 3341       | Computer and peripheral equipment manufacturing .....   | —              | 30                              | 14                        | 1 952               | 94 406            | 780                 | 1 516         | 30 040          | 288 612               | 252 294                           | 542 604                            | 15 187                               |
| 33411      | Computer and peripheral equipment manufacturing ....  | —              | 30                              | 14                        | 1 952               | 94 406            | 780                 | 1 516         | 30 040          | 288 612               | 252 294                           | 542 604                            | 15 187                               |
| 334112     | Computer storage device manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334119     | Other computer peripheral equipment manufacturing ..  | 1              | 24                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|--------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |        |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |        |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |        |
| 334        | Computer and electronic product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |        |
| 3342       | Communications equipment manufacturing .....   | 1              | 45                              | 17                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33421      | Telephone apparatus manufacturing .....  | 3              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 334210     | Telephone apparatus manufacturing .....  | 3              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 1              | 31                              | 13                        |                     | 2 133             | 129 987             | 681           | 1 350           | 25 257                | 326 198                           | 192 530                            | 519 205                              | 7 508  |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 1              | 31                              | 13                        |                     | 2 133             | 129 987             | 681           | 1 350           | 25 257                | 326 198                           | 192 530                            | 519 205                              | 7 508  |
| 3344       | Semiconductor and other electronic component manufacturing .....   | 2              | 116                             | 51                        |                     | 4 288             | 169 947             | 2 593         | 5 292           | 76 986                | 341 279                           | 208 397                            | 557 955                              | D      |
| 33441      | Semiconductor and other electronic component manufacturing .....   | 2              | 116                             | 51                        |                     | 4 288             | 169 947             | 2 593         | 5 292           | 76 986                | 341 279                           | 208 397                            | 557 955                              | D      |
| 334413     | Semiconductor and related device manufacturing .....   | 2              | 25                              | 11                        |                     | 1 068             | 48 310              | 578           | 1 172           | 19 739                | 99 939                            | 32 611                             | 136 299                              | D      |
| 334416     | Electronic coil, transformer, and other inductor manufacturing .....   | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D      |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....   | 1              | 14                              | 10                        |                     | 646               | 19 944              | 424           | 915             | 11 151                | 42 538                            | 61 048                             | 104 632                              | D      |
| 334419     | Other electronic component manufacturing .....   | 2              | 43                              | 19                        |                     | 1 747             | 70 939              | 1 082         | 2 122           | 31 058                | 151 645                           | 79 368                             | 232 623                              | D      |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —              | '149                            | '56                       | '11 750             | '679 313          | '6 892              | '13 400       | '377 340        | '1 402 978            | '904 408                          | '2 306 500                         | '50 050                              |        |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —              | '149                            | '56                       | '11 750             | '679 313          | '6 892              | '13 400       | '377 340        | '1 402 978            | '904 408                          | '2 306 500                         | '50 050                              |        |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing .....  | 2              | 10                              | 6                         |                     | 763               | 41 384              | 347           | 660             | 11 938                | 109 237                           | 45 025                             | 149 574                              | 1 798  |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | —              | 20                              | 9                         |                     | 6 424             | 421 516             | 4 745         | 9 401           | 308 587               | 855 104                           | 621 174                            | 1 469 759                            | 35 381 |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —              | '33                             | '16                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | '6 662 |
| 334515     | Instrument manufacturing for measuring and testing electricity and electrical signals .....                                  | 5              | 17                              | 4                         |                     | 272               | 14 673              | 123           | 229             | 5 250                 | 26 408                            | 13 193                             | 41 699                               | 745    |
| 334516     | Analytical laboratory instrument manufacturing .....   | 1              | 14                              | 4                         |                     | 861               | 46 767              | 116           | 213             | 4 566                 | 51 913                            | 32 445                             | 84 480                               | D      |
| 334517     | Irradiation apparatus manufacturing .....  | 3              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D      |
| 334519     | Other measuring and controlling device manufacturing .....   | —              | 26                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D      |
| 3346       | Manufacturing and reproducing magnetic and optical media .....   | 1              | 26                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D      |
| 33461      | Manufacturing and reproducing magnetic and optical media .....   | 1              | 26                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D      |
| 334612     | Prerecorded compact disc (except software), tape, and record reproducing .....   | —              | 18                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D      |
| 335        | Electrical equipment, appliance, and component manufacturing .....   | 2              | 156                             | 57                        |                     | 7 803             | 275 793             | 5 128         | 10 269          | 135 547               | 652 485                           | 762 745                            | 1 423 033                            | 43 939 |
| 3351       | Electric lighting equipment manufacturing .....  | 3              | 39                              | 18                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | 7 408  |
| 33512      | Lighting fixture manufacturing .....   | 3              | 38                              | 18                        |                     | 3 397             | 94 017              | 2 543         | 5 061           | 53 452                | 225 733                           | 380 711                            | 609 612                              | D      |
| 335121     | Residential electric lighting fixture manufacturing .....  | 5              | 16                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | 1 691  |
| 335122     | Commercial, industrial, and institutional electric lighting fixture manufacturing .....                                      | 2              | 13                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | 5 188  |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|---------|
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|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 335        | Electrical equipment, appliance, and component manufacturing—Con.                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 3351       | Electric lighting equipment manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 33512      | Lighting fixture manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 335129     | Other lighting equipment manufacturing .....  | 1              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 3352       | Household appliance manufacturing .....   | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33521      | Small electrical appliance manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 335211     | Electric housewares and household fan manufacturing .....                             | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 3353       | Electrical equipment manufacturing .....  | 1              | 50                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33531      | Electrical equipment manufacturing .....  | 1              | 50                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 335312     | Motor and generator manufacturing .....   | —              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 335313     | Switchgear and switchboard apparatus manufacturing ..                                 | —              | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 335314     | Relay and industrial control manufacturing .....                                      | 1              | 26                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 3359       | Other electrical equipment and component manufacturing .....                          | 1              | 63                              | 22                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 31 265                               |         |
| 33591      | Battery manufacturing .....   | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 335911     | Storage battery manufacturing .....   | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33592      | Communication and energy wire and cable manufacturing ..                              | —              | 14                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 335929     | Other communication and energy wire manufacturing ..                                  | —              | 10                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33593      | Wiring device manufacturing ..  | —              | 12                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 335932     | Noncurrent-carrying wiring device manufacturing .....                                 | —              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33599      | All other electrical equipment and component manufacturing .....                      | 3              | 34                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..           | 3              | 33                              | 9                         |                     | 561               | 24 587              | 294           | 583             | 8 962                 | 59 295                            | 34 581                             | 93 976                               |         |
| 336        | Transportation equipment manufacturing .....  | 2              | 145                             | 60                        |                     | 21 112            | 1 030 662           | 15 633        | 31 907          | 599 433               | 1 843 950                         | 5 282 221                          | 7 262 808                            | 147 441 |
| 3361       | Motor vehicle manufacturing .....   | —              | 5                               | 4                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33611      | Automobile and light duty motor vehicle manufacturing .....                           | —              | 3                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 336111     | Automobile manufacturing ..   | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 336112     | Light truck and utility vehicle manufacturing .....                                   | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 3363       | Motor vehicle parts manufacturing .....   | 2              | 78                              | 36                        |                     | 9 059             | 338 791             | 7 144         | 13 341          | 228 722               | 970 578                           | 1 214 212                          | 2 148 143                            | D       |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing .....                 | —              | 25                              | 9                         |                     | 4 230             | 130 254             | 3 397         | 6 326           | 88 310                | 455 475                           | 450 292                            | 870 238                              | 13 011  |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing .....           | —              | 23                              | 8                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33633      | Motor vehicle steering and suspension component (except spring) manufacturing .....   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 336330     | Motor vehicle steering and suspension component (except spring) manufacturing .....   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33634      | Motor vehicle brake system manufacturing .....  | —              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 336340     | Motor vehicle brake system manufacturing .....  | —              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 33635      | Motor vehicle transmission and power train parts manufacturing .....                  | —              | 8                               | 5                         | 998                 | 47 839            | 786                 | 1 511         | 35 386          | 78 735                | 73 782                            | 153 975                            | D                                    |         |
| 336350     | Motor vehicle transmission and power train parts manufacturing .....                  | —              | 8                               | 5                         | 998                 | 47 839            | 786                 | 1 511         | 35 386          | 78 735                | 73 782                            | 153 975                            | D                                    |         |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                    |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>              |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 336        | Transportation equipment manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3363       | Motor vehicle parts manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 33636      | Motor vehicle seating and interior trim manufacturing . . .  | —                               | 3     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336360     | Motor vehicle seating and interior trim manufacturing . . .  | —                               | 3     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33637      | Motor vehicle metal stamping . .   | —                               | 10    | 9                         | 794                 | 42 846             | 624                 | 1 324         | 32 527                | 72 714                            | 81 378                             | 153 462                              | 2 044           |
| 336370     | Motor vehicle metal stamping . . . . .   | —                               | 10    | 9                         | 794                 | 42 846             | 624                 | 1 324         | 32 527                | 72 714                            | 81 378                             | 153 462                              | 2 044           |
| 33639      | Other motor vehicle parts manufacturing . . . . .  | 9                               | 14    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336399     | All other motor vehicle parts manufacturing . . . . .  | 9                               | 13    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3364       | Aerospace product and parts manufacturing . . . . .  | 8                               | 17    | 12                        | 5 984               | 387 687            | 3 248               | 9 134         | 114 182               | 249 557                           | 923 281                            | 1 327 125                            | D               |
| 33641      | Aerospace product and parts manufacturing . . . . .  | 8                               | 17    | 12                        | 5 984               | 387 687            | 3 248               | 9 134         | 114 182               | 249 557                           | 923 281                            | 1 327 125                            | D               |
| 336411     | Aircraft manufacturing . . . . .   | 9                               | 3     | 2                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336413     | Other aircraft parts and auxiliary equipment manufacturing . . . . .                               | 1                               | 9     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336415     | Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing . . . . . | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336419     | Other guided missile and space vehicle parts and auxiliary equipment manufacturing . . . . .       | —                               | 2     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3366       | Ship and boat building . . . . .   | —                               | 12    | 2                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33661      | Ship and boat building . . . . .   | —                               | 12    | 2                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336611     | Ship building and repairing . .  | —                               | 4     | 1                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 337        | Furniture and related product manufacturing . . . . .  | 6                               | 364   | 77                        | 9 660               | 327 899            | 6 793               | 13 121        | 176 169               | 780 623                           | 670 935                            | 1 463 338                            | 37 394          |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing . . . . .                  | 5                               | 249   | 25                        | 3 723               | 103 566            | 2 975               | 5 960         | 72 017                | 214 935                           | 185 547                            | 406 105                              | 11 139          |
| 33711      | Wood kitchen cabinet and countertop manufacturing . . . .  | 4                               | 135   | 14                        | 1 302               | 40 952             | 1 028               | 2 052         | 27 567                | 87 512                            | 59 882                             | 147 281                              | 3 926           |
| 337110     | Wood kitchen cabinet and countertop manufacturing . .  | 4                               | 135   | 14                        | 1 302               | 40 952             | 1 028               | 2 052         | 27 567                | 87 512                            | 59 882                             | 147 281                              | 3 926           |
| 33712      | Household and institutional furniture manufacturing . . . . .                                      | 5                               | 114   | 11                        | 2 421               | 62 614             | 1 947               | 3 908         | 44 450                | 127 423                           | 125 665                            | 258 824                              | 7 213           |
| 337122     | Nonupholstered wood household furniture manufacturing . . . . .                                    | 2                               | 58    | 4                         | 368                 | 9 175              | 296                 | 594           | 7 056                 | 18 666                            | 13 444                             | 32 188                               | 3 931           |
| 337124     | Metal household furniture manufacturing . . . . .  | 6                               | 9     | 4                         | 1 717               | 43 616             | 1 384               | 2 777         | 30 326                | 88 403                            | 92 604                             | 186 238                              | 2 777           |
| 3372       | Office furniture (including fixtures) manufacturing . . . . .                                      | 6                               | 100   | 43                        | 5 504               | 210 500            | 3 493               | 6 504         | 95 659                | 528 063                           | 448 781                            | 982 926                              | 20 569          |
| 33721      | Office furniture (including fixtures) manufacturing . . . . .                                      | 6                               | 100   | 43                        | 5 504               | 210 500            | 3 493               | 6 504         | 95 659                | 528 063                           | 448 781                            | 982 926                              | 20 569          |
| 337212     | Custom architectural woodwork and millwork manufacturing . . . . .                                 | 3                               | 42    | 22                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 337214     | Office furniture (except wood) manufacturing . . . . .   | 9                               | 9     | 6                         | 2 308               | 103 362            | 1 173               | 2 244         | 38 323                | 321 435                           | 273 501                            | 597 599                              | D               |
| 337215     | Showcase, partition, shelving, and locker manufacturing . . . . .                                  | 2                               | 39    | 13                        | 1 995               | 61 218             | 1 508               | 2 645         | 32 978                | 117 493                           | 124 920                            | 246 951                              | D               |
| 3379       | Other furniture related product manufacturing . . . . .  | 6                               | 15    | 9                         | 433                 | 13 833             | 325                 | 657           | 8 493                 | 37 625                            | 36 607                             | 74 307                               | 5 686           |
| 339        | Miscellaneous manufacturing . . . . .  | 3                               | '682  | '153                      | '16 610             | '669 190           | '10 079             | '19 527       | '300 026              | '1 838 427                        | '990 929                           | '2 819 133                           | '66 355         |
| 3391       | Medical equipment and supplies manufacturing . . . . .   | 5                               | '287  | '71                       | '8 334              | '355 453           | '4 832              | '9 361        | '153 824              | '1 085 589                        | '407 904                           | '1 488 970                           | '44 443         |
| 33911      | Medical equipment and supplies manufacturing . . . . .   | 5                               | '287  | '71                       | '8 334              | '355 453           | '4 832              | '9 361        | '153 824              | '1 085 589                        | '407 904                           | '1 488 970                           | '44 443         |
| 339111     | Laboratory apparatus and furniture manufacturing . . . .   | 3                               | 14    | 4                         | 417                 | 13 888             | 290                 | 582           | 6 259                 | 28 250                            | 14 246                             | 42 971                               | 1 401           |
| 339112     | Surgical and medical instrument manufacturing . .  | 5                               | 54    | 26                        | 4 271               | 221 680            | 2 477               | 5 049         | 92 297                | 760 742                           | 257 968                            | 1 017 348                            | 24 685          |
| 339113     | Surgical appliance and supplies manufacturing . . . .  | 3                               | 51    | 18                        | 1 897               | 64 038             | 783                 | 1 400         | 19 947                | 171 799                           | 93 522                             | 265 717                              | 15 307          |
| 339114     | Dental equipment and supplies manufacturing . . . .  | '3                              | '26   | '7                        | '414                | '15 678            | '296                | '516          | '8 267                | '33 198                           | '12 925                            | '42 203                              | '840            |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339        | Miscellaneous manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3391       | Medical equipment and supplies manufacturing—Con.                                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33911      | Medical equipment and supplies manufacturing—Con.                                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339115     | Ophthalmic goods manufacturing .....  | 2              | 17                              | 8                         | 433                 | 14 077            | 337                 | 577           | 8 379           | 42 826                | 18 514                            | 61 236                             | 895                                  |
| 339116     | Dental laboratories .....   | 4              | 125                             | 8                         | 902                 | 26 092            | 649                 | 1 237         | 18 675          | 48 774                | 10 729                            | 59 495                             | 1 315                                |
| 3399       | Other miscellaneous manufacturing .....   | 2              | '395                            | 82                        | '8 276              | '313 737          | '5 247              | '10 166       | '146 202        | '752 838              | '583 025                          | '1 330 163                         | '21 912                              |
| 33991      | Jewelry and silverware manufacturing .....  | —              | 52                              | 6                         | 562                 | 20 966            | 347                 | 671           | 8 663           | 43 546                | 86 892                            | 133 474                            | 1 035                                |
| 339911     | Jewelry (except costume) manufacturing .....  | —              | 34                              | 6                         | 497                 | 19 276            | 305                 | 600           | 7 825           | 40 421                | 82 387                            | 125 851                            | 801                                  |
| 33992      | Sporting and athletic goods manufacturing .....                                       | 3              | 23                              | 7                         | 774                 | 27 101            | 532                 | 1 096         | 12 025          | 91 584                | 75 481                            | 168 848                            | 1 623                                |
| 339920     | Sporting and athletic goods manufacturing .....                                       | 3              | 23                              | 7                         | 774                 | 27 101            | 532                 | 1 096         | 12 025          | 91 584                | 75 481                            | 168 848                            | 1 623                                |
| 33993      | Doll, toy, and game manufacturing .....   | 1              | 22                              | 4                         | 339                 | 14 098            | 165                 | 333           | 3 377           | 42 860                | 41 077                            | 83 969                             | 660                                  |
| 339932     | Game, toy, and children's vehicle manufacturing .....                                 | 1              | 19                              | 3                         | 297                 | 13 213            | 134                 | 276           | 2 775           | 41 598                | 40 017                            | 81 564                             | D                                    |
| 33994      | Office supplies (except paper) manufacturing .....                                    | —              | 21                              | 7                         | 375                 | 12 455            | 273                 | 507           | 7 329           | 43 476                | 33 325                            | 75 042                             | 915                                  |
| 33995      | Sign manufacturing .....  | 1              | 116                             | 20                        | 2 064               | 90 862            | 1 218               | 2 402         | 43 067          | 166 017               | 109 370                           | 272 990                            | 4 241                                |
| 339950     | Sign manufacturing .....  | 1              | 116                             | 20                        | 2 064               | 90 862            | 1 218               | 2 402         | 43 067          | 166 017               | 109 370                           | 272 990                            | 4 241                                |
| 33999      | All other miscellaneous manufacturing .....   | 3              | '161                            | 38                        | '4 162              | '148 255          | '2 712              | '5 157        | '71 741         | '365 355              | '236 880                          | '595 840                           | '13 438                              |
| 339991     | Gasket, packing, and sealing device manufacturing .....                               | 3              | 20                              | 9                         | 1 345               | 57 540            | 835                 | 1 619         | 27 069          | 139 043               | 71 050                            | 208 957                            | D                                    |
| 339994     | Broom, brush, and mop manufacturing .....   | 9              | 5                               | 2                         | 358                 | 10 652            | 297                 | 636           | 7 221           | 36 296                | 21 974                            | 54 080                             | D                                    |
| 339999     | All other miscellaneous manufacturing .....   | 1              | '127                            | 24                        | '2 271              | '73 583           | '1 466              | '2 668        | '34 323         | '172 761              | '134 565                          | '306 413                           | '7 438                               |
|            | <b>Camden, NJ Metropolitan Division</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | 1              | '1 341                          | '454                      | '49 900             | '2 215 382        | '33 705             | '68 071       | '1 300 046      | '7 671 215            | '9 012 170                        | '16 574 690                        | '494 317                             |
| 311        | Food manufacturing .....  | 4              | 113                             | 45                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 37 858                               |
| 3113       | Sugar and confectionery product manufacturing .....                                   | 2              | 11                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31132      | Chocolate and confectionery manufacturing from cacao beans .....                      | 2              | 5                               | 4                         | 316                 | 11 672            | 271                 | 513           | 9 655           | 73 257                | 108 597                           | 179 349                            | D                                    |
| 311320     | Chocolate and confectionery manufacturing from cacao beans .....                      | 2              | 5                               | 4                         | 316                 | 11 672            | 271                 | 513           | 9 655           | 73 257                | 108 597                           | 179 349                            | D                                    |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....                 | 8              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 468                                |
| 31142      | Fruit and vegetable canning, pickling, and drying .....                               | 8              | 5                               | 3                         | 302                 | 10 091            | 239                 | 466           | 6 377           | 133 247               | 58 081                            | 191 583                            | D                                    |
| 311421     | Fruit and vegetable canning ..  | 8              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115       | Dairy product manufacturing .....   | 7              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 623                                |
| 31151      | Dairy product (except frozen) manufacturing .....                                     | 7              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311511     | Fluid milk manufacturing .....  | 9              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116       | Animal slaughtering and processing .....  | 3              | 13                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161      | Animal slaughtering and processing .....  | 3              | 13                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615     | Poultry processing .....  | 4              | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....   | 2              | 65                              | 19                        | 1 833               | 54 451            | 1 202               | 2 300         | 32 132          | 233 673               | 168 825                           | 400 604                            | D                                    |
| 31181      | Bread and bakery product manufacturing .....  | 2              | 58                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 11 074                               |
| 311811     | Retail bakeries .....   | 5              | 40                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812     | Commercial bakeries .....   | —              | 14                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182      | Cookie, cracker, and pasta manufacturing .....  | 2              | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821     | Cookie and cracker manufacturing .....  | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Camden, NJ Metropolitan Division—Con.</b>  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 311        | Food manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3119       | Other food manufacturing .....  | 4                               | 10    | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 31199      | All other food manufacturing ...  | 5                               | 4     | 3                         | 640                 | 24 637             | 486                 | 1 088         | 14 747                | 109 943                           | 77 003                             | 187 373                              | 3 490           |
| 311999     | All other miscellaneous food manufacturing .....                                      | 5                               | 3     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 312        | Beverage and tobacco product manufacturing .....                                      | —                               | 9     | 3                         | 681                 | 26 807             | 353                 | 779           | 16 093                | 206 130                           | 214 566                            | 420 490                              | D               |
| 3121       | Beverage manufacturing .....  | —                               | 9     | 3                         | 681                 | 26 807             | 353                 | 779           | 16 093                | 206 130                           | 214 566                            | 420 490                              | D               |
| 31211      | Soft drink and ice manufacturing .....  | —                               | 8     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312111     | Soft drink manufacturing ....   | —                               | 5     | 3                         | 654                 | 26 017             | 336                 | 745           | 15 616                | 203 681                           | 213 938                            | 417 417                              | D               |
| 314        | Textile product mills .....   | 5                               | 25    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315        | Apparel manufacturing .....   | 4                               | 35    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3152       | Cut and sew apparel manufacturing .....   | 4                               | 27    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31521      | Cut and sew apparel contractors .....   | 8                               | 12    | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....                   | 9                               | 10    | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                            | 4                               | 9     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 321        | Wood product manufacturing .....  | 2                               | 39    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3212       | Veneer, plywood, and engineered wood product manufacturing .....                      | 4                               | 3     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....                      | 4                               | 3     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 321214     | Truss manufacturing .....   | 4                               | 3     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3219       | Other wood product manufacturing .....  | 1                               | 33    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 322        | Paper manufacturing .....   | 2                               | 21    | 11                        | 1 421               | 66 853             | 984                 | 2 025         | 35 213                | 144 884                           | 168 253                            | 311 774                              | 6 685           |
| 3222       | Converted paper product manufacturing .....   | 2                               | 19    | 11                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32221      | Paperboard container manufacturing .....  | 2                               | 6     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 4 125           |
| 322211     | Corrugated and solid fiber box manufacturing .....                                    | —                               | 5     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 322212     | Folding paperboard box manufacturing .....  | 9                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 323        | Printing and related support activities .....   | 1                               | 229   | 70                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 35 363          |
| 3231       | Printing and related support activities .....   | 1                               | 229   | 70                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 35 363          |
| 32311      | Printing .....  | 1                               | 200   | 63                        | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 323110     | Commercial lithographic printing .....  | —                               | 104   | 46                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 28 497          |
| 323113     | Commercial screen printing ..   | 7                               | 19    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 426             |
| 32312      | Support activities for printing ..  | 3                               | 29    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 323121     | Tradebinding and related work .....   | 2                               | 15    | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 050           |
| 324        | Petroleum and coal products manufacturing .....                                       | —                               | 11    | 5                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 136 949         |
| 3241       | Petroleum and coal products manufacturing .....                                       | —                               | 11    | 5                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 136 949         |
| 32411      | Petroleum refineries .....  | —                               | 4     | 3                         | 1 182               | 87 200             | 807                 | 1 836         | 59 474                | 936 440                           | 3 462 382                          | 4 301 517                            | D               |
| 324110     | Petroleum refineries .....  | —                               | 4     | 3                         | 1 182               | 87 200             | 807                 | 1 836         | 59 474                | 936 440                           | 3 462 382                          | 4 301 517                            | D               |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Camden, NJ Metropolitan Division—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325        | Chemical manufacturing .....   | -              | 62                              | 34                        | 3 658               | 204 865           | 2 002               | 3 902         | 91 054          | 1 453 127             | 1 256 667                         | 2 709 918                          | 87 484                               |
| 3251       | Basic chemical manufacturing ...   | -              | 16                              | 11                        | 1 134               | 76 899            | 472                 | 1 033         | 26 027          | 708 837               | 858 222                           | 1 563 204                          | 25 177                               |
| 32518      | Other basic inorganic chemical manufacturing .....   | -              | 7                               | 5                         | 567                 | 34 717            | 252                 | 518           | 13 256          | 566 273               | 626 387                           | 1 192 430                          | D                                    |
| 325188     | All other basic inorganic chemical manufacturing ....                                      | -              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | -              | 6                               | 5                         | 489                 | 38 292            | 194                 | 452           | 11 308          | 136 314               | 226 130                           | 360 051                            | 6 523                                |
| 325199     | All other basic organic chemical manufacturing ....  | -              | 6                               | 5                         | 489                 | 38 292            | 194                 | 452           | 11 308          | 136 314               | 226 130                           | 360 051                            | 6 523                                |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | 7              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32521      | Resin and synthetic rubber manufacturing .....   | 7              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325211     | Plastics material and resin manufacturing .....  | 7              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254       | Pharmaceutical and medicine manufacturing .....  | -              | 7                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541      | Pharmaceutical and medicine manufacturing .....  | -              | 7                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412     | Pharmaceutical preparation manufacturing .....   | -              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255       | Paint, coating, and adhesive manufacturing .....   | 5              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing ..                           | -              | 11                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32561      | Soap and cleaning compound manufacturing .....   | -              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3259       | Other chemical product and preparation manufacturing .....                                 | 1              | 13                              | 8                         | 376                 | 16 405            | 251                 | 475           | 8 964           | 48 474                | 67 963                            | 115 055                            | D                                    |
| 32599      | All other chemical product and preparation manufacturing ...                               | 1              | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....   | 1              | 65                              | 29                        | 2 363               | 90 568            | 1 868               | 3 851         | 65 944          | 234 861               | 254 209                           | 489 648                            | 45 812                               |
| 3261       | Plastics product manufacturing ..  | 1              | 60                              | 28                        | 2 252               | 86 010            | 1 787               | 3 690         | 63 113          | 218 409               | 250 515                           | 469 560                            | D                                    |
| 32611      | Plastics packaging materials and unlaminated film and sheet manufacturing .....            | -              | 9                               | 7                         | 559                 | 26 751            | 409                 | 896           | 20 380          | 53 718                | 61 405                            | 113 337                            | 6 893                                |
| 326113     | Unlaminated plastics film and sheet (except packaging) manufacturing .....                 | -              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32612      | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....             | -              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326122     | Plastics pipe and pipe fitting manufacturing .....   | -              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619      | Other plastics product manufacturing .....   | 3              | 39                              | 12                        | 940                 | 31 146            | 752                 | 1 487         | 21 382          | 86 030                | 81 863                            | 167 296                            | D                                    |
| 326199     | All other plastics product manufacturing .....   | 4              | 37                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....  | -              | '48                             | '29                       | '2 213              | '106 689          | '1 621              | '3 463        | '73 553         | '339 847              | '252 441                          | '588 031                           | '27 752                              |
| 3272       | Glass and glass product manufacturing .....  | -              | 11                              | 7                         | 706                 | 27 330            | 544                 | 1 194         | 19 521          | 93 485                | 48 034                            | 141 778                            | D                                    |
| 32721      | Glass and glass product manufacturing .....  | -              | 11                              | 7                         | 706                 | 27 330            | 544                 | 1 194         | 19 521          | 93 485                | 48 034                            | 141 778                            | D                                    |
| 327215     | Glass product manufacturing made of purchased glass ..                                     | -              | 8                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273       | Cement and concrete product manufacturing .....  | 2              | '24                             | '12                       | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '5 463                               |
| 32732      | Ready-mix concrete manufacturing .....   | 1              | 11                              | 8                         | 507                 | 22 819            | 343                 | 619           | 15 538          | 44 489                | 46 419                            | 91 119                             | 3 137                                |
| 327320     | Ready-mix concrete manufacturing .....   | 1              | 11                              | 8                         | 507                 | 22 819            | 343                 | 619           | 15 538          | 44 489                | 46 419                            | 91 119                             | 3 137                                |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>                                     |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Camden, NJ Metropolitan Division—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327        | Nonmetallic mineral product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3279       | Other nonmetallic mineral product manufacturing .....   | —              | 9                               | 7                         | 520                 | 28 861            | 425                 | 925           | 22 081          | 107 946               | 72 434                            | 179 712                            | 7 051                                |
| 32799      | All other nonmetallic mineral product manufacturing .....   | —              | 8                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327993     | Mineral wool manufacturing .....  | —              | 3                               | 3                         | 305                 | 16 077            | 258                 | 579           | 12 949          | 72 639                | 35 712                            | 108 356                            | 738                                  |
| 331        | Primary metal manufacturing .....   | —              | 11                              | 9                         | 1 664               | 73 885            | 1 253               | 2 783         | 48 910          | 210 936               | 282 206                           | 503 805                            | D                                    |
| 3313       | Alumina and aluminum production and processing .....  | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131      | Alumina and aluminum production and processing ...  | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331316     | Aluminum extruded product manufacturing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315       | Foundries .....   | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151      | Ferrous metal foundries .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331511     | Iron foundries .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....  | 2              | 237                             | 64                        | 4 009               | 158 324           | 2 865               | 5 686         | 97 184          | 348 304               | 168 768                           | 519 157                            | 16 905                               |
| 3323       | Architectural and structural metals manufacturing .....   | 2              | 51                              | 24                        | 1 131               | 43 517            | 792                 | 1 502         | 26 375          | 91 904                | 48 387                            | 142 538                            | 3 125                                |
| 33232      | Ornamental and architectural metal products manufacturing .....   | 1              | 37                              | 20                        | 943                 | 37 504            | 649                 | 1 252         | 22 406          | 77 607                | 32 630                            | 113 075                            | 2 593                                |
| 332322     | Sheet metal work manufacturing .....  | 3              | 29                              | 15                        | 692                 | 26 818            | 499                 | 1 019         | 17 561          | 44 501                | 20 225                            | 66 859                             | 1 676                                |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....   | 2              | 95                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33271      | Machine shops .....   | 2              | 82                              | 10                        | 831                 | 32 693            | 605                 | 1 190         | 21 879          | 58 797                | 22 488                            | 80 926                             | 5 274                                |
| 332710     | Machine shops .....   | 2              | 82                              | 10                        | 831                 | 32 693            | 605                 | 1 190         | 21 879          | 58 797                | 22 488                            | 80 926                             | 5 274                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....  | 2              | 27                              | 5                         | 293                 | 11 040            | 221                 | 458           | 7 366           | 20 106                | 5 425                             | 25 586                             | D                                    |
| 33281      | Coating, engraving, heat treating, and allied activities ..   | 2              | 27                              | 5                         | 293                 | 11 040            | 221                 | 458           | 7 366           | 20 106                | 5 425                             | 25 586                             | D                                    |
| 3329       | Other fabricated metal product manufacturing .....  | 4              | 28                              | 8                         | 625                 | 27 439            | 391                 | 737           | 13 929          | 55 074                | 28 500                            | 83 847                             | 1 175                                |
| 33299      | All other fabricated metal product manufacturing .....  | 4              | 23                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....  | —              | 14                              | 4                         | 284                 | 12 630            | 185                 | 319           | 6 353           | 20 420                | 16 575                            | 36 221                             | 396                                  |
| 333        | Machinery manufacturing .....   | 1              | 95                              | 34                        | 2 926               | 130 432           | 1 463               | 2 912         | 51 171          | 291 531               | 165 370                           | 453 695                            | 8 538                                |
| 3332       | Industrial machinery manufacturing .....  | 1              | 19                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33329      | Other industrial machinery manufacturing .....  | 1              | 17                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3333       | Commercial and service industry machinery manufacturing .....   | —              | 9                               | 7                         | 943                 | 43 077            | 342                 | 685           | 10 832          | 100 871               | 34 415                            | 136 485                            | 1 857                                |
| 33331      | Commercial and service industry machinery manufacturing .....   | —              | 9                               | 7                         | 943                 | 43 077            | 342                 | 685           | 10 832          | 100 871               | 34 415                            | 136 485                            | 1 857                                |
| 333313     | Office machinery manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —              | 8                               | 3                         | 298                 | 11 156            | 211                 | 398           | 5 583           | 22 943                | 16 851                            | 39 980                             | D                                    |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —              | 8                               | 3                         | 298                 | 11 156            | 211                 | 398           | 5 583           | 22 943                | 16 851                            | 39 980                             | D                                    |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                               |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>                         |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Camden, NJ Metropolitan Division—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3339       | Other general purpose machinery manufacturing .....   | 1  | 26                              | 13                        | 899                 | 42 053            | 406                 | 844           | 17 005          | 95 759                | 69 666                            | 164 278                            | 2 136                                |
| 33392      | Material handling equipment manufacturing .....   | 1  | 8                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33399      | All other general purpose machinery manufacturing ....  | 2  | 14                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333994     | Industrial process furnace and oven manufacturing ...   | 1  | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....   | —  | 72                              | 34                        | 9 151               | 557 469           | 6 130               | 12 486        | 348 441         | 1 315 407             | 924 916                           | 2 242 733                          | 38 089                               |
| 3341       | Computer and peripheral equipment manufacturing .....   | —  | 5                               | 5                         | 939                 | 48 401            | 406                 | 869           | 12 037          | 170 985               | 142 812                           | 315 499                            | D                                    |
| 33411      | Computer and peripheral equipment manufacturing ....  | —  | 5                               | 5                         | 939                 | 48 401            | 406                 | 869           | 12 037          | 170 985               | 142 812                           | 315 499                            | D                                    |
| 334112     | Computer storage device manufacturing .....   | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334119     | Other computer peripheral equipment manufacturing ..  | —  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3342       | Communications equipment manufacturing .....  | 1  | 15                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....                   | 1  | 9                               | 5                         | 1 197               | 81 541            | 254                 | 520           | 11 284          | 213 807               | 98 384                            | 317 475                            | 5 404                                |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....                   | 1  | 9                               | 5                         | 1 197               | 81 541            | 254                 | 520           | 11 284          | 213 807               | 98 384                            | 317 475                            | 5 404                                |
| 3344       | Semiconductor and other electronic component manufacturing .....  | 1  | 30                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441      | Semiconductor and other electronic component manufacturing .....  | 1  | 30                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334419     | Other electronic component manufacturing .....  | 1  | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....                          | —  | 13                              | 5                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...                            | —  | 13                              | 5                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing ..... | —  | 2                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3346       | Manufacturing and reproducing magnetic and optical media.....   | —  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 590                                |
| 33461      | Manufacturing and reproducing magnetic and optical media...   | —  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 590                                |
| 334612     | Prerecorded compact disc (except software), tape, and record reproducing .....                                | —  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....  | 4  | 27                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3351       | Electric lighting equipment manufacturing .....   | 5  | 5                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33512      | Lighting fixture manufacturing ..   | 5  | 5                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335121     | Residential electric lighting fixture manufacturing .....   | 9  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....  | 1  | 33                              | 6                         | 1 448               | 48 757            | 1 117               | 2 531         | 34 767          | 105 079               | 86 044                            | 191 711                            | D                                    |
| 3366       | Ship and boat building .....  | —  | 11                              | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33661      | Ship and boat building .....  | —  | 11                              | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336611     | Ship building and repairing ..  | —  | 4                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | All establishments <sup>2</sup> |        | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|------------|---|---------------------------------|--------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total  | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Camden, NJ Metropolitan Division—Con.</b>  |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 337        | Furniture and related product manufacturing .....                                     | 6                               | 59     | 13                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 313           |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing .....         | 6                               | 37     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3372       | Office furniture (including fixtures) manufacturing .....                             | 6                               | 22     | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33721      | Office furniture (including fixtures) manufacturing .....                             | 6                               | 22     | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337212     | Custom architectural woodwork and millwork manufacturing .....                        | 1                               | 9      | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337214     | Office furniture (except wood) manufacturing .....                                    | 7                               | 3      | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339        | Miscellaneous manufacturing .....   | 2                               | 141    | 36                        | 3 828               | 133 690            | 2 167               | 4 157         | 59 892                | 387 557                           | 200 229                            | 580 815                              | 19 402          |
| 3391       | Medical equipment and supplies manufacturing .....                                    | 1                               | 66     | 18                        | 2 077               | 61 555             | 1 046               | 1 990         | 26 187                | 229 183                           | 81 988                             | 309 892                              | D               |
| 33911      | Medical equipment and supplies manufacturing .....                                    | 1                               | 66     | 18                        | 2 077               | 61 555             | 1 046               | 1 990         | 26 187                | 229 183                           | 81 988                             | 309 892                              | D               |
| 339112     | Surgical and medical instrument manufacturing ..                                      | 2                               | 12     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339113     | Surgical appliance and supplies manufacturing ....                                    | —                               | 11     | 3                         | 793                 | 20 126             | 103                 | 166           | 2 265                 | 65 571                            | 40 480                             | 106 745                              | D               |
| 339115     | Ophthalmic goods manufacturing .....  | 2                               | 8      | 5                         | 316                 | 11 176             | 240                 | 447           | 6 417                 | 36 868                            | 15 534                             | 52 298                               | 728             |
| 3399       | Other miscellaneous manufacturing .....   | 2                               | 75     | 18                        | 1 751               | 72 135             | 1 121               | 2 167         | 33 705                | 158 374                           | 118 241                            | 270 923                              | D               |
| 33995      | Sign manufacturing .....  | 2                               | 32     | 7                         | 872                 | 41 687             | 523                 | 1 063         | 18 613                | 70 071                            | 49 634                             | 114 273                              | D               |
| 339950     | Sign manufacturing .....  | 2                               | 32     | 7                         | 872                 | 41 687             | 523                 | 1 063         | 18 613                | 70 071                            | 49 634                             | 114 273                              | D               |
| 33999      | All other miscellaneous manufacturing .....   | 4                               | 24     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339991     | Gasket, packing, and sealing device manufacturing .....                               | 5                               | 4      | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339999     | All other miscellaneous manufacturing .....   | 2                               | 18     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
|            | <b>Philadelphia, PA Metropolitan Division</b>   |                                 |        |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33      | Manufacturing .....   | 1                               | '4 702 | 1 454                     | '171 845            | '7 346 527         | '113 015            | '227 607      | '3 834 150            | '30 241 784                       | '31 003 511                        | '61 179 626                          | '1 246 434      |
| 311        | Food manufacturing .....  | 1                               | '397   | '109                      | '16 994             | '610 815           | '11 438             | '22 771       | '351 423              | '2 114 169                        | '2 810 966                         | '4 920 007                           | '79 312         |
| 3111       | Animal food manufacturing .....   | 7                               | 11     | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31111      | Animal food manufacturing ....  | 7                               | 11     | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311119     | Other animal food manufacturing .....   | 7                               | 9      | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3113       | Sugar and confectionery product manufacturing .....                                   | 7                               | 38     | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31133      | Confectionery manufacturing from purchased chocolate ...                              | 7                               | 21     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 718           |
| 311330     | Confectionery manufacturing from purchased chocolate ..                               | 7                               | 21     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 718           |
| 31134      | Nonchocolate confectionery manufacturing .....  | 4                               | 11     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311340     | Nonchocolate confectionery manufacturing .....  | 4                               | 11     | 3                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....                 | 1                               | 11     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31141      | Frozen food manufacturing ....  | —                               | 4      | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311412     | Frozen specialty food manufacturing .....   | —                               | 4      | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3115       | Dairy product manufacturing .....   | —                               | 21     | 7                         | 1 133               | 50 586             | 681                 | 1 517         | 28 935                | 103 706                           | 284 075                            | 386 987                              | 7 965           |
| 31151      | Dairy product (except frozen) manufacturing .....                                     | —                               | 13     | 6                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311511     | Fluid milk manufacturing ....   | —                               | 7      | 4                         | 1 022               | 46 729             | 605                 | 1 351         | 26 943                | 94 540                            | 259 676                            | 353 545                              | 7 300           |

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>                                    |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 311        | Food manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3116       | Animal slaughtering and processing .....  | —  | 44                              | 27                        | 6 156               | 201 728           | 4 615               | 9 579         | 117 834         | 574 416               | 1 694 573                         | 2 269 199                          | 34 264                               |
| 31161      | Animal slaughtering and processing .....  | —  | 44                              | 27                        | 6 156               | 201 728           | 4 615               | 9 579         | 117 834         | 574 416               | 1 694 573                         | 2 269 199                          | 34 264                               |
| 311611     | Animal (except poultry) slaughtering .....  | —  | 14                              | 8                         | 3 315               | 111 113           | 2 602               | 5 315         | 66 247          | 263 765               | 1 279 723                         | 1 545 290                          | D                                    |
| 311612     | Meat processed from carcasses .....   | —  | 22                              | 15                        | 1 343               | 46 997            | 1 004               | 1 947         | 27 856          | 112 816               | 251 592                           | 366 439                            | 11 576                               |
| 311615     | Poultry processing .....  | —  | 5                               | 3                         | 1 371               | 38 094            | 923                 | 2 126         | 20 666          | 172 410               | 136 980                           | 307 091                            | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....   | —  | 226                             | 39                        | 6 454               | 240 460           | 3 788               | 7 179         | 135 291         | 912 346               | 363 050                           | 1 265 005                          | 21 134                               |
| 31181      | Bread and bakery product manufacturing .....  | —  | 212                             | 33                        | 5 694               | 202 687           | 3 158               | 5 855         | 105 699         | 607 277               | 275 029                           | 882 121                            | 15 154                               |
| 311811     | Retail bakeries .....   | 5  | 156                             | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812     | Commercial bakeries .....   | —  | 51                              | 19                        | 4 060               | 165 610           | 2 158               | 4 269         | 80 700          | 486 330               | 191 281                           | 676 798                            | 11 510                               |
| 311813     | Frozen cakes, pies, and other pastries manufacturing .....                            | —  | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182      | Cookie, cracker, and pasta manufacturing .....  | 1  | 14                              | 6                         | 760                 | 37 773            | 630                 | 1 324         | 29 592          | 305 069               | 88 021                            | 382 884                            | 5 980                                |
| 311821     | Cookie and cracker manufacturing .....  | —  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119       | Other food manufacturing .....  | 2  | 39                              | 12                        | 1 222               | 49 969            | 845                 | 1 660         | 24 753          | 251 899               | 142 288                           | 394 686                            | 5 527                                |
| 31191      | Snack food manufacturing .....  | —  | 7                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919     | Other snack food manufacturing .....  | —  | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31194      | Seasoning and dressing manufacturing .....  | 5  | 8                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 914                                |
| 311942     | Spice and extract manufacturing .....   | 6  | 4                               | 4                         | 389                 | 23 662            | 230                 | 496           | 9 498           | 58 046                | 29 297                            | 87 618                             | D                                    |
| 31199      | All other food manufacturing .....  | 3  | 21                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312        | Beverage and tobacco product manufacturing .....                                      | 2  | 31                              | 7                         | 2 332               | 101 192           | 1 232               | 2 458         | 46 052          | 391 054               | 230 020                           | 624 784                            | 37 219                               |
| 3121       | Beverage manufacturing .....  | 3  | 21                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211      | Soft drink and ice manufacturing .....  | 2  | 11                              | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 29 579                               |
| 312111     | Soft drink manufacturing .....  | 2  | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3122       | Tobacco manufacturing .....   | —  | 10                              | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31222      | Tobacco product manufacturing .....   | —  | 10                              | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312229     | Other tobacco product manufacturing .....   | —  | 10                              | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....   | 2  | 63                              | 27                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3131       | Fiber, yarn, and thread mills .....   | 5  | 10                              | 6                         | 269                 | 6 206             | 224                 | 453           | 4 500           | 10 149                | 28 470                            | 38 711                             | D                                    |
| 31311      | Fiber, yarn, and thread mills .....   | 5  | 10                              | 6                         | 269                 | 6 206             | 224                 | 453           | 4 500           | 10 149                | 28 470                            | 38 711                             | D                                    |
| 3132       | Fabric mills .....  | 1  | 29                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31321      | Broadwoven fabric mills .....   | 4  | 11                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 764                                |
| 313210     | Broadwoven fabric mills .....   | 4  | 11                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 764                                |
| 31322      | Narrow fabric mills and schiffli machine embroidery .....                             | —  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313221     | Narrow fabric mills .....   | —  | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3133       | Textile and fabric finishing and fabric coating mills .....                           | 2  | 24                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31331      | Textile and fabric finishing mills .....  | 2  | 20                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 873                                  |
| 313311     | Broadwoven fabric finishing mills .....   | 2  | 12                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314        | Textile product mills .....   | 4  | 87                              | 22                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 370                                |
| 3141       | Textile furnishings mills .....   | 3  | 38                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 392                                |
| 31412      | Curtain and linen mills .....   | 3  | 36                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3149       | Other textile product mills .....   | 4  | 49                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 978                                |
| 31499      | All other textile product mills .....   | 4  | 37                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314999     | All other miscellaneous textile product mills .....                                   | 5  | 32                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>                                    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315        | Apparel manufacturing .....   | —              | 203                             | 59                        | 6 613               | 162 315           | 4 891               | 8 803         | 87 936          | 959 737               | 1 369 636                         | 2 349 721                          | 19 098                               |
| 3152       | Cut and sew apparel manufacturing .....   | —              | 157                             | 50                        | 6 030               | 146 757           | 4 510               | 8 071         | 80 585          | 932 652               | 1 331 663                         | 2 284 120                          | D                                    |
| 31521      | Cut and sew apparel contractors .....   | 7              | 83                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315211     | Men's and boys' cut and sew apparel contractors .....                                 | 9              | 23                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315212     | Women's, girls', and infants' cut and sew apparel contractors .....                   | 4              | 60                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 196                                  |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                               | 4              | 26                              | 13                        | 1 310               | 33 499            | 883                 | 1 620         | 16 953          | 74 933                | 82 297                            | 156 742                            | 1 910                                |
| 315222     | Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....              | —              | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315223     | Men's and boys' cut and sew shirt (except work shirt) manufacturing .....             | 7              | 5                               | 4                         | 313                 | 7 603             | 236                 | 417           | 4 835           | 32 729                | 33 027                            | 65 793                             | D                                    |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                            | —              | 29                              | 12                        | 2 266               | 73 357            | 1 473               | 2 758         | 32 965          | 776 412               | 1 228 176                         | 2 024 703                          | 15 842                               |
| 315232     | Women's and girls' cut and sew blouse and shirt manufacturing .....                   | —              | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239     | Women's and girls' cut and sew other outerwear manufacturing .....                    | —              | 12                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31529      | Other cut and sew apparel manufacturing .....   | 2              | 19                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315299     | All other cut and sew apparel manufacturing .....                                     | 2              | 16                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3159       | Apparel accessories and other apparel manufacturing .....                             | 3              | 34                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31599      | Apparel accessories and other apparel manufacturing .....                             | 3              | 34                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315999     | Other apparel accessories and other apparel manufacturing .....                       | 3              | 29                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....  | 4              | 94                              | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....  | 5              | 79                              | 19                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork .....  | 7              | 37                              | 10                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321918     | Other millwork (including flooring) .....   | 6              | 22                              | 7                         | 305                 | 8 495             | 257                 | 507           | 6 323           | 16 347                | 19 539                            | 35 823                             | D                                    |
| 32192      | Wood container and pallet manufacturing .....   | —              | 15                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321920     | Wood container and pallet manufacturing .....   | —              | 15                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing .....  | 5              | 27                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | 1              | 110                             | 71                        | 8 650               | 424 532           | 6 372               | 13 893        | 270 546         | 1 324 997             | 1 483 380                         | 2 802 516                          | 60 215                               |
| 3221       | Pulp, paper, and paperboard mills .....   | —              | 9                               | 6                         | 1 493               | 93 592            | 1 244               | 2 715         | 76 985          | 443 325               | 453 928                           | 904 685                            | 9 668                                |
| 32212      | Paper mills .....   | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills .....  | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32213      | Paperboard mills .....  | 4              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322130     | Paperboard mills .....  | 4              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....   | 1              | 101                             | 65                        | 7 157               | 330 940           | 5 128               | 11 178        | 193 561         | 881 672               | 1 029 452                         | 1 897 831                          | 50 547                               |
| 32221      | Paperboard container manufacturing .....  | —              | 53                              | 37                        | 3 214               | 141 679           | 2 356               | 5 069         | 85 690          | 345 892               | 403 890                           | 745 785                            | 27 705                               |
| 322211     | Corrugated and solid fiber box manufacturing .....                                    | —              | 28                              | 22                        | 2 226               | 102 208           | 1 573               | 3 377         | 58 015          | 241 513               | 311 465                           | 549 069                            | 17 748                               |
| 322212     | Folding paperboard box manufacturing .....  | 1              | 17                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32222      | Paper bag and coated and treated paper manufacturing ..                               | 5              | 19                              | 15                        | 1 691               | 78 425            | 1 130               | 2 428         | 44 880          | 190 288               | 255 175                           | 436 264                            | 10 968                               |
| 322222     | Coated and laminated paper manufacturing .....  | 6              | 13                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322223     | Plastics, foil, and coated paper bag manufacturing...                                 | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223      | Stationery product manufacturing .....  | —              | 17                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322232     | Envelope manufacturing .....  | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322        | Paper manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3222       | Converted paper product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 32229      | Other converted paper product manufacturing .....  | -              | 12                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291     | Sanitary paper product manufacturing .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322299     | All other converted paper product manufacturing .....                                      | -              | 11                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....  | 2              | '585                            | '135                      | '14 734             | '569 176          | '10 453             | '19 644       | '351 674        | '1 319 549            | '825 169                          | '2 144 378                         | '57 521                              |
| 3231       | Printing and related support activities .....  | 2              | '585                            | '135                      | '14 734             | '569 176          | '10 453             | '19 644       | '351 674        | '1 319 549            | '825 169                          | '2 144 378                         | '57 521                              |
| 32311      | Printing .....   | 2              | '522                            | '119                      | '12 298             | '479 844          | '8 383              | '15 728       | '285 975        | '1 127 984            | '783 650                          | '1 911 507                         | '51 849                              |
| 323110     | Commercial lithographic printing .....   | 1              | '246                            | '69                       | '7 910              | '324 377          | '5 354              | '9 847        | '194 163        | '725 277              | '409 041                          | '1 132 719                         | '36 335                              |
| 323111     | Commercial gravure printing .....  | -              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323112     | Commercial flexographic printing .....   | 1              | 15                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323113     | Commercial screen printing .....   | 4              | 52                              | 9                         | 516                 | 16 043            | 356                 | 641           | 8 843           | 30 765                | 19 169                            | 50 422                             | 1 961                                |
| 323114     | Quick printing .....   | 5              | 113                             | 8                         | 726                 | 21 805            | 465                 | 847           | 12 661          | 49 370                | 20 895                            | 70 236                             | 3 211                                |
| 323115     | Digital printing .....   | 3              | 21                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 710                                  |
| 323116     | Manifold business forms printing .....   | 2              | 16                              | 8                         | 868                 | 24 757            | 637                 | 1 351         | 15 345          | 91 109                | 126 103                           | 216 890                            | 1 934                                |
| 323117     | Books printing .....   | -              | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323119     | Other commercial printing .....  | 4              | 43                              | 9                         | 481                 | 17 626            | 326                 | 578           | 10 290          | 34 527                | 26 788                            | 61 230                             | 1 555                                |
| 32312      | Support activities for printing .....  | 1              | 63                              | 16                        | 2 436               | 89 332            | 2 070               | 3 916         | 65 699          | 191 565               | 41 519                            | 232 871                            | 5 672                                |
| 323121     | Tradebinding and related work .....  | -              | 23                              | 7                         | 554                 | 22 019            | 434                 | 868           | 14 157          | 47 608                | 11 767                            | 59 199                             | 2 299                                |
| 323122     | Prepress services .....  | 1              | 40                              | 9                         | 1 882               | 67 313            | 1 636               | 3 048         | 51 542          | 143 957               | 29 752                            | 173 672                            | 3 373                                |
| 324        | Petroleum and coal products manufacturing .....  | -              | 40                              | 16                        | 3 040               | 200 176           | 1 963               | 4 140         | 123 721         | 1 508 360             | 8 260 266                         | 9 681 989                          | D                                    |
| 3241       | Petroleum and coal products manufacturing .....  | -              | 40                              | 16                        | 3 040               | 200 176           | 1 963               | 4 140         | 123 721         | 1 508 360             | 8 260 266                         | 9 681 989                          | D                                    |
| 32411      | Petroleum refineries .....   | -              | 4                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110     | Petroleum refineries .....   | -              | 4                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32412      | Asphalt paving, roofing, and saturated materials manufacturing .....                       | 1              | 22                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 32 293                               |
| 32419      | Other petroleum and coal products manufacturing .....                                      | 3              | 14                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 15 838                               |
| 324191     | Petroleum lubricating oil and grease manufacturing .....                                   | 4              | 11                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....   | -              | 227                             | 112                       | 18 446              | 1 119 779         | 8 616               | 18 331        | 438 179         | 13 291 252            | 7 753 562                         | 20 977 939                         | 461 142                              |
| 3251       | Basic chemical manufacturing .....   | -              | 35                              | 15                        | 2 061               | 112 702           | 1 119               | 2 423         | 51 397          | 579 827               | 259 376                           | 837 939                            | 21 421                               |
| 32512      | Industrial gas manufacturing .....   | -              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325120     | Industrial gas manufacturing .....   | -              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32513      | Synthetic dye and pigment manufacturing .....  | -              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325132     | Synthetic organic dye and pigment manufacturing .....                                      | -              | 5                               | 2                         | 422                 | 22 275            | 243                 | 535           | 10 804          | 67 434                | 30 861                            | 94 797                             | D                                    |
| 32518      | Other basic inorganic chemical manufacturing .....   | 4              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325188     | All other basic inorganic chemical manufacturing .....                                     | 4              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | -              | 15                              | 6                         | 1 032               | 57 833            | 552                 | 1 197         | 24 226          | 423 579               | 163 618                           | 588 442                            | D                                    |
| 325192     | Cyclic crude and intermediate manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325199     | All other basic organic chemical manufacturing .....                                       | -              | 14                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 279                                |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | -              | 21                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32521      | Resin and synthetic rubber manufacturing .....   | -              | 20                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325211     | Plastics material and resin manufacturing .....  | -              | 19                              | 16                        | 1 864               | 93 461            | 1 185               | 1 962         | 46 379          | 244 323               | 527 146                           | 764 205                            | 13 505                               |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>                                    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325        | Chemical manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3254       | Pharmaceutical and medicine manufacturing .....                                       | —              | 37                              | 22                        | 10 747              | 733 803           | 4 274               | 9 739         | 266 185         | 11 877 092            | 6 364 775                         | 18 182 046                         | 385 694                              |
| 32541      | Pharmaceutical and medicine manufacturing .....                                       | —              | 37                              | 22                        | 10 747              | 733 803           | 4 274               | 9 739         | 266 185         | 11 877 092            | 6 364 775                         | 18 182 046                         | 385 694                              |
| 325412     | Pharmaceutical preparation manufacturing .....  | —              | 24                              | 13                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 363 783                              |
| 325414     | Biological product (except diagnostic) manufacturing ..                               | —              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255       | Paint, coating, and adhesive manufacturing .....                                      | 2              | 37                              | 21                        | 1 459               | 68 135            | 683                 | 1 432         | 23 413          | 202 720               | 210 653                           | 413 225                            | D                                    |
| 32551      | Paint and coating manufacturing .....   | 3              | 28                              | 18                        | 1 187               | 56 794            | 516                 | 1 064         | 17 734          | 170 738               | 174 973                           | 347 312                            | 8 253                                |
| 325510     | Paint and coating manufacturing .....   | 3              | 28                              | 18                        | 1 187               | 56 794            | 516                 | 1 064         | 17 734          | 170 738               | 174 973                           | 347 312                            | 8 253                                |
| 32552      | Adhesive manufacturing .....  | —              | 9                               | 3                         | 272                 | 11 341            | 167                 | 368           | 5 679           | 31 982                | 35 680                            | 65 913                             | D                                    |
| 325520     | Adhesive manufacturing .....  | —              | 9                               | 3                         | 272                 | 11 341            | 167                 | 368           | 5 679           | 31 982                | 35 680                            | 65 913                             | D                                    |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing .                       | 3              | 37                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 236                                |
| 32561      | Soap and cleaning compound manufacturing .....  | 3              | 30                              | 9                         | 539                 | 27 943            | 305                 | 629           | 10 630          | 112 915               | 84 703                            | 198 251                            | D                                    |
| 3259       | Other chemical product and preparation manufacturing .....                            | 3              | 50                              | 24                        | 1 520               | 73 388            | 883                 | 1 800         | 33 806          | 233 230               | 270 149                           | 503 365                            | D                                    |
| 32599      | All other chemical product and preparation manufacturing ...                          | 3              | 42                              | 18                        | 1 245               | 60 962            | 707                 | 1 418         | 27 130          | 197 947               | 229 674                           | 428 409                            | 17 777                               |
| 325991     | Custom compounding of purchased resins .....  | 3              | 15                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325998     | All other miscellaneous chemical product and preparation manufacturing .              | 4              | 24                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....                                      | 2              | 188                             | 86                        | 9 676               | 337 291           | 7 236               | 14 421        | 207 020         | 822 014               | 645 251                           | 1 469 782                          | 59 571                               |
| 3261       | Plastics product manufacturing ..   | 2              | 162                             | 74                        | 8 990               | 315 051           | 6 728               | 13 400        | 192 732         | 774 855               | 607 495                           | 1 383 442                          | D                                    |
| 32611      | Plastics packaging materials and un laminated film and sheet manufacturing .....      | 3              | 34                              | 15                        | 1 231               | 51 711            | 936                 | 1 995         | 34 535          | 120 356               | 138 971                           | 262 566                            | 21 962                               |
| 326111     | Plastics bag manufacturing ..   | 9              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326112     | Plastics packaging film and sheet (including laminated) manufacturing .....           | —              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326113     | Un laminated plastics film and sheet (except packaging) manufacturing .....           | 3              | 20                              | 6                         | 359                 | 15 428            | 232                 | 470           | 8 011           | 39 259                | 42 898                            | 83 329                             | D                                    |
| 32612      | Plastics pipe, pipe fitting, and un laminated profile shape manufacturing .....       | 6              | 12                              | 5                         | 394                 | 14 505            | 267                 | 614           | 7 215           | 36 386                | 31 674                            | 68 835                             | D                                    |
| 326121     | Un laminated plastics profile shape manufacturing .....                               | 6              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32615      | Urethane and other foam product (except polystyrene) manufacturing .....              | 1              | 14                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326150     | Urethane and other foam product (except polystyrene) manufacturing .....              | 1              | 14                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32616      | Plastics bottle manufacturing ..  | 5              | 4                               | 4                         | 441                 | 15 584            | 386                 | 820           | 12 405          | 60 867                | 51 640                            | 112 566                            | D                                    |
| 326160     | Plastics bottle manufacturing ..  | 5              | 4                               | 4                         | 441                 | 15 584            | 386                 | 820           | 12 405          | 60 867                | 51 640                            | 112 566                            | D                                    |
| 32619      | Other plastics product manufacturing .....  | 1              | 88                              | 39                        | 5 961               | 192 275           | 4 541               | 8 690         | 116 162         | 456 563               | 309 828                           | 765 258                            | 18 647                               |
| 326192     | Resilient floor covering manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199     | All other plastics product manufacturing .....  | 2              | 85                              | 37                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...  | 2              | 26                              | 12                        | 686                 | 22 240            | 508                 | 1 021         | 14 288          | 47 159                | 37 756                            | 86 340                             | D                                    |
| 32629      | Other rubber product manufacturing .....  | 1              | 19                              | 9                         | 541                 | 18 160            | 412                 | 823           | 11 739          | 37 818                | 28 434                            | 66 105                             | D                                    |
| 326299     | All other rubber product manufacturing .....  | 1              | 10                              | 7                         | 393                 | 12 587            | 305                 | 600           | 7 857           | 27 182                | 23 677                            | 50 891                             | 1 312                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>             |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327        | Nonmetallic mineral product manufacturing .....   | 2              | 152                             | 46                        | 3 443               | 133 268           | 2 478               | 5 126         | 82 810          | 388 627               | 247 121                           | 631 820                            | 22 777                               |
| 3271       | Clay product and refractory manufacturing .....   | 1              | 21                              | 4                         | 438                 | 15 596            | 344                 | 696           | 9 583           | 19 362                | 23 247                            | 41 571                             | D                                    |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing .....                                       | —              | 14                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327112     | Vitreous china, fine earthenware, and other pottery product manufacturing .....                   | —              | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272       | Glass and glass product manufacturing .....   | 4              | 31                              | 9                         | 636                 | 22 205            | 440                 | 888           | 12 614          | 49 909                | 37 025                            | 87 133                             | 6 630                                |
| 32721      | Glass and glass product manufacturing .....   | 4              | 31                              | 9                         | 636                 | 22 205            | 440                 | 888           | 12 614          | 49 909                | 37 025                            | 87 133                             | 6 630                                |
| 327215     | Glass product manufacturing made of purchased glass ..  | 4              | 22                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 329                                |
| 3273       | Cement and concrete product manufacturing .....   | 1              | 58                              | 24                        | 1 745               | 70 607            | 1 294               | 2 731         | 47 222          | 260 883               | 145 401                           | 403 136                            | 11 612                               |
| 32732      | Ready-mix concrete manufacturing .....  | 3              | 35                              | 10                        | 668                 | 27 473            | 529                 | 1 156         | 20 618          | 75 894                | 83 324                            | 159 121                            | 5 497                                |
| 327320     | Ready-mix concrete manufacturing .....  | 3              | 35                              | 10                        | 668                 | 27 473            | 529                 | 1 156         | 20 618          | 75 894                | 83 324                            | 159 121                            | 5 497                                |
| 32733      | Concrete pipe, brick, and block manufacturing .....   | —              | 8                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 810                                |
| 32739      | Other concrete product manufacturing .....  | —              | 14                              | 8                         | 773                 | 30 964            | 509                 | 984           | 17 009          | 139 788               | 32 297                            | 171 970                            | D                                    |
| 327390     | Other concrete product manufacturing .....  | —              | 14                              | 8                         | 773                 | 30 964            | 509                 | 984           | 17 009          | 139 788               | 32 297                            | 171 970                            | D                                    |
| 3279       | Other nonmetallic mineral product manufacturing .....   | 2              | 39                              | 9                         | 616                 | 24 512            | 393                 | 797           | 13 122          | 57 292                | 39 944                            | 97 295                             | D                                    |
| 32799      | All other nonmetallic mineral product manufacturing .....   | 3              | 31                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331        | Primary metal manufacturing .....   | —              | 60                              | 25                        | 3 921               | 180 315           | 2 799               | 5 653         | 118 355         | 527 202               | 696 385                           | 1 224 364                          | 17 836                               |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....   | —              | 8                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....   | —              | 8                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111     | Iron and steel mills .....  | —              | 8                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312       | Steel product manufacturing from purchased steel .....  | 2              | 8                               | 4                         | 489                 | 23 784            | 386                 | 706           | 16 657          | 40 407                | 86 654                            | 135 509                            | D                                    |
| 33121      | Iron and steel pipe and tube manufacturing from purchased steel .....                             | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331210     | Iron and steel pipe and tube manufacturing from purchased steel .....                             | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                                | 1              | 16                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33141      | Nonferrous metal (except aluminum) smelting and refining .....                                    | 5              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331419     | Primary smelting and refining of nonferrous metal (except copper and aluminum) .....              | 5              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | —              | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331492     | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | —              | 5                               | 3                         | 302                 | 14 679            | 167                 | 345           | 7 251           | 55 439                | 52 684                            | 108 657                            | D                                    |
| 3315       | Foundries .....   | 2              | 26                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152      | Nonferrous metal foundries .....  | 3              | 18                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>             |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing .....  | 2  | 822                             | 228                       | 19 570              | 814 747           | 14 426              | 29 735        | 516 639         | 1 851 122             | 1 123 407                         | 2 916 601                          | 83 510                               |
| 3321       | Forging and stamping.....   | 3  | 35                              | 16                        | 836                 | 33 496            | 614                 | 1 292         | 20 857          | 69 444                | 50 562                            | 120 498                            | 1 837                                |
| 33211      | Forging and stamping.....   | 3  | 35                              | 16                        | 836                 | 33 496            | 614                 | 1 292         | 20 857          | 69 444                | 50 562                            | 120 498                            | 1 837                                |
| 332114     | Custom roll forming .....   | —  | 9                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332116     | Metal stamping .....  | 2  | 16                              | 7                         | 312                 | 11 967            | 228                 | 488           | 7 168           | 29 793                | 18 596                            | 48 138                             | D                                    |
| 3322       | Cutlery and handtool manufacturing .....  | 1  | 27                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33221      | Cutlery and handtool manufacturing .....  | 1  | 27                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323       | Architectural and structural metals manufacturing .....   | 3  | 177                             | 65                        | 5 713               | 228 969           | 4 238               | 8 842         | 142 294         | 606 351               | 426 498                           | 956 562                            | 30 749                               |
| 33231      | Plate work and fabricated structural product manufacturing .....                                  | 5  | 51                              | 24                        | 2 312               | 109 756           | 1 667               | 3 636         | 67 564          | 301 220               | 175 898                           | 398 704                            | 20 862                               |
| 332312     | Fabricated structural metal manufacturing .....   | 6  | 32                              | 14                        | 1 749               | 87 549            | 1 272               | 2 836         | 55 911          | 252 282               | 147 223                           | 320 972                            | 19 108                               |
| 332313     | Plate work manufacturing .....  | 4  | 17                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232      | Ornamental and architectural metal products manufacturing .....                                   | 1  | 126                             | 41                        | 3 401               | 119 213           | 2 571               | 5 206         | 74 730          | 305 131               | 250 600                           | 557 858                            | 9 887                                |
| 332321     | Metal window and door manufacturing .....   | —  | 17                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332322     | Sheet metal work manufacturing .....  | 2  | 67                              | 24                        | 1 933               | 65 179            | 1 489               | 3 065         | 41 404          | 158 457               | 114 502                           | 274 550                            | 5 678                                |
| 332323     | Ornamental and architectural metal work manufacturing ..  | —  | 42                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3324       | Boiler, tank, and shipping container manufacturing .....  | 3  | 15                              | 9                         | 773                 | 31 348            | 624                 | 1 342         | 22 353          | 71 105                | 120 042                           | 191 353                            | 3 707                                |
| 33242      | Metal tank (heavy gauge) manufacturing .....  | 7  | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332420     | Metal tank (heavy gauge) manufacturing .....  | 7  | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....                       | 2  | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332439     | Other metal container manufacturing .....   | 5  | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3326       | Spring and wire product manufacturing .....   | 1  | 35                              | 12                        | 872                 | 32 927            | 634                 | 1 227         | 19 257          | 66 400                | 42 759                            | 110 089                            | 2 981                                |
| 33261      | Spring and wire product manufacturing .....   | 1  | 35                              | 12                        | 872                 | 32 927            | 634                 | 1 227         | 19 257          | 66 400                | 42 759                            | 110 089                            | 2 981                                |
| 332618     | Other fabricated wire product manufacturing .....   | 2  | 28                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                       | 2  | 351                             | 59                        | 6 666               | 293 243           | 5 172               | 10 704        | 203 654         | 580 153               | 240 394                           | 824 794                            | 24 629                               |
| 33271      | Machine shops .....   | 3  | 299                             | 37                        | 3 099               | 134 022           | 2 260               | 4 521         | 84 616          | 256 492               | 107 696                           | 366 805                            | 11 668                               |
| 332710     | Machine shops .....   | 3  | 299                             | 37                        | 3 099               | 134 022           | 2 260               | 4 521         | 84 616          | 256 492               | 107 696                           | 366 805                            | 11 668                               |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                       | 1  | 52                              | 22                        | 3 567               | 159 221           | 2 912               | 6 183         | 119 038         | 323 661               | 132 698                           | 457 989                            | 12 961                               |
| 332721     | Precision turned product manufacturing .....  | 2  | 35                              | 15                        | 1 408               | 60 362            | 1 106               | 2 531         | 42 221          | 102 724               | 59 179                            | 159 523                            | 6 970                                |
| 332722     | Bolt, nut, screw, rivet, and washer manufacturing .....   | —  | 17                              | 7                         | 2 159               | 98 859            | 1 806               | 3 652         | 76 817          | 220 937               | 73 519                            | 298 466                            | 5 991                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                    | 1  | 79                              | 13                        | 1 007               | 40 025            | 704                 | 1 429         | 25 009          | 86 524                | 50 804                            | 143 210                            | 4 249                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..                                       | 1  | 79                              | 13                        | 1 007               | 40 025            | 704                 | 1 429         | 25 009          | 86 524                | 50 804                            | 143 210                            | 4 249                                |
| 332811     | Metal heat treating .....   | 1  | 16                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 347                                |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .. | 1  | 30                              | 4                         | 320                 | 13 341            | 230                 | 499           | 9 314           | 23 930                | 36 212                            | 65 877                             | 818                                  |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                 | 1  | 33                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 084                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>                                     |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 332        | Fabricated metal product manufacturing—Con.   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3329       | Other fabricated metal product manufacturing .....  | 1                               | 96    | 46                        | 3 116               | 134 391            | 2 009               | 4 131         | 71 096                | 310 758                           | 149 206                            | 466 868                              | 13 568          |
| 33291      | Metal valve manufacturing ....  | 1                               | 20    | 12                        | 1 026               | 48 007             | 509                 | 1 002         | 19 915                | 117 098                           | 53 574                             | 175 349                              | 2 810           |
| 332911     | Industrial valve manufacturing .....  | —                               | 11    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 010           |
| 33299      | All other fabricated metal product manufacturing .....  | 2                               | 76    | 34                        | 2 090               | 86 384             | 1 500               | 3 129         | 51 181                | 193 660                           | 95 632                             | 291 519                              | 10 758          |
| 332991     | Ball and roller bearing manufacturing .....   | 5                               | 4     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332996     | Fabricated pipe and pipe fitting manufacturing .....  | —                               | 9     | 5                         | 686                 | 30 777             | 490                 | 1 028         | 17 956                | 53 035                            | 19 086                             | 72 080                               | 2 149           |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....  | 2                               | 54    | 23                        | 1 058               | 42 291             | 737                 | 1 513         | 24 312                | 94 574                            | 55 117                             | 149 517                              | 7 320           |
| 333        | Machinery manufacturing .....   | 3                               | '373  | '132                      | '9 703              | '429 640           | '5 913              | '11 812       | '207 227              | '895 357                          | '738 072                           | '1 641 865                           | '38 547         |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....   | 4                               | 15    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33311      | Agricultural implement manufacturing .....  | 5                               | 14    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333112     | Lawn and garden tractor and home lawn and garden equipment manufacturing ..   | 6                               | 6     | 4                         | 341                 | 11 266             | 274                 | 491           | 7 411                 | 25 492                            | 27 722                             | 52 379                               | 1 211           |
| 3332       | Industrial machinery manufacturing .....  | 4                               | 70    | 23                        | 1 636               | 76 471             | 953                 | 1 953         | 34 421                | 165 700                           | 112 190                            | 278 460                              | 5 079           |
| 33329      | Other industrial machinery manufacturing .....  | 3                               | 60    | 20                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333294     | Food product machinery manufacturing .....  | 2                               | 8     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333298     | All other industrial machinery manufacturing .....  | 5                               | 28    | 7                         | 611                 | 22 593             | 402                 | 814           | 11 980                | 49 179                            | 35 613                             | 83 472                               | 1 218           |
| 3333       | Commercial and service industry machinery manufacturing .....   | 2                               | 44    | 16                        | 1 556               | 80 963             | 842                 | 1 676         | 29 327                | 175 517                           | 158 881                            | 336 645                              | 10 893          |
| 33331      | Commercial and service industry machinery manufacturing .....   | 2                               | 44    | 16                        | 1 556               | 80 963             | 842                 | 1 676         | 29 327                | 175 517                           | 158 881                            | 336 645                              | 10 893          |
| 333311     | Automatic vending machine manufacturing .....   | 3                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333319     | Other commercial and service industry machinery manufacturing .....   | —                               | 21    | 7                         | 395                 | 19 059             | 211                 | 423           | 8 355                 | 57 299                            | 35 186                             | 93 707                               | D               |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 4                               | 22    | 13                        | 717                 | 25 622             | 531                 | 1 103         | 15 577                | 66 615                            | 62 545                             | 130 954                              | 1 809           |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | 4                               | 22    | 13                        | 717                 | 25 622             | 531                 | 1 103         | 15 577                | 66 615                            | 62 545                             | 130 954                              | 1 809           |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | 3                               | 12    | 7                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3335       | Metalworking machinery manufacturing .....  | 2                               | 93    | 23                        | 1 203               | 56 030             | 853                 | 1 778         | 35 776                | 100 957                           | 44 807                             | 143 483                              | 5 177           |
| 33351      | Metalworking machinery manufacturing .....  | 2                               | 93    | 23                        | 1 203               | 56 030             | 853                 | 1 778         | 35 776                | 100 957                           | 44 807                             | 143 483                              | 5 177           |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....   | 2                               | 39    | 12                        | 569                 | 27 680             | 435                 | 967           | 19 710                | 46 161                            | 19 837                             | 63 712                               | 3 517           |
| 333515     | Cutting tool and machine tool accessory manufacturing...  | 2                               | 18    | 4                         | 287                 | 12 761             | 174                 | 310           | 6 185                 | 29 252                            | 10 521                             | 40 047                               | D               |
| 3336       | Engine, turbine, and power transmission equipment manufacturing .....   | 1                               | 12    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33361      | Engine, turbine, and power transmission equipment manufacturing .....   | 1                               | 12    | 5                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3339       | Other general purpose machinery manufacturing .....  | 4  | '117                            | '46                       | '3 719              | '152 425          | '2 113              | '4 030        | '69 874         | '310 012              | '293 169                          | '608 530                           | '12 576                              |
| 33391      | Pump and compressor manufacturing .....  | 4  | '18                             | '12                       | '951                | '43 858           | '511                | '997          | '18 393         | '92 236               | '96 891                           | '188 323                           | '3 583                               |
| 333911     | Pump and pumping equipment manufacturing ..  | 5  | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333912     | Air and gas compressor manufacturing .....   | '3 | '6                              | '5                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392      | Material handling equipment manufacturing .....  | 6  | 26                              | 10                        | 978                 | 34 500            | 622                 | 1 242         | 19 803          | 70 363                | 82 641                            | 154 777                            | 2 142                                |
| 333923     | Overhead traveling crane, hoist, and monorail system manufacturing .....   | 7  | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333924     | Industrial truck, tractor, trailer, and stacker machinery manufacturing ..   | 5  | 8                               | 4                         | 326                 | 12 925            | 227                 | 436           | 8 373           | 24 793                | 25 778                            | 50 409                             | 580                                  |
| 33399      | All other general purpose machinery manufacturing ....   | 2  | 73                              | 24                        | 1 790               | 74 067            | 980                 | 1 791         | 31 678          | 147 413               | 113 637                           | 265 430                            | 6 851                                |
| 333993     | Packaging machinery manufacturing .....  | 3  | 19                              | 8                         | 418                 | 20 741            | 230                 | 462           | 9 079           | 33 084                | 25 600                            | 59 515                             | D                                    |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....  | 1  | 33                              | 10                        | 870                 | 32 959            | 485                 | 831           | 13 124          | 68 483                | 51 869                            | 124 630                            | 2 918                                |
| 334        | Computer and electronic product manufacturing .....  | 1  | '275                            | '97                       | '9 884              | '456 883          | '4 856              | '9 285        | '158 617        | '993 562              | '629 700                          | '1 628 526                         | '47 983                              |
| 3341       | Computer and peripheral equipment manufacturing .....  | 1  | 23                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 804                                |
| 33411      | Computer and peripheral equipment manufacturing ....   | 1  | 23                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 804                                |
| 334119     | Other computer peripheral equipment manufacturing ..   | 1  | 18                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3342       | Communications equipment manufacturing .....   | 1  | 27                              | 9                         | 993                 | 52 624            | 438                 | 855           | 14 399          | 116 707               | 97 469                            | 209 486                            | D                                    |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 1  | 22                              | 8                         | 936                 | 48 446            | 427                 | 830           | 13 973          | 112 391               | 94 146                            | 201 730                            | 2 104                                |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | 1  | 22                              | 8                         | 936                 | 48 446            | 427                 | 830           | 13 973          | 112 391               | 94 146                            | 201 730                            | 2 104                                |
| 3344       | Semiconductor and other electronic component manufacturing .....   | 3  | 81                              | 33                        | 2 266               | 90 881            | 1 489               | 3 007         | 43 675          | 203 545               | 116 983                           | 325 068                            | 10 044                               |
| 33441      | Semiconductor and other electronic component manufacturing .....   | 3  | 81                              | 33                        | 2 266               | 90 881            | 1 489               | 3 007         | 43 675          | 203 545               | 116 983                           | 325 068                            | 10 044                               |
| 334413     | Semiconductor and related device manufacturing .....   | 5  | 22                              | 9                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....   | 1  | 9                               | 5                         | 408                 | 12 172            | 285                 | 626           | 7 596           | 32 782                | 41 483                            | 74 396                             | D                                    |
| 334419     | Other electronic component manufacturing .....   | 3  | 30                              | 12                        | 1 009               | 40 902            | 666                 | 1 275         | 18 776          | 88 645                | 40 170                            | 128 272                            | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | 1  | '122                            | '45                       | '5 380              | '260 980          | '2 387              | '4 460        | '79 360         | '535 947              | '301 694                          | '843 219                           | '28 669                              |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | 1  | '122                            | '45                       | '5 380              | '260 980          | '2 387              | '4 460        | '79 360         | '535 947              | '301 694                          | '843 219                           | '28 669                              |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing ...  | —  | 8                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | 2  | 17                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —  | '29                             | '13                       | '2 038              | '92 286           | '918                | '1 738        | '28 565         | '208 669              | '121 540                          | '341 485                           | '6 229                               |
| 334519     | Other measuring and controlling device manufacturing .....   | —  | 23                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
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|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>         |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>                                      |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335        | Electrical equipment, appliance, and component manufacturing .....                      | 2  | 115                             | 41                        | 5 690               | 197 331           | 3 772               | 7 483         | 97 199          | 440 376               | 564 506                           | 1 012 202                          | 15 124                               |
| 3351       | Electric lighting equipment manufacturing .....   | 2  | 32                              | 13                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33512      | Lighting fixture manufacturing ..   | 2  | 31                              | 13                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335121     | Residential electric lighting fixture manufacturing .....                               | 3  | 14                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335122     | Commercial, industrial, and institutional electric lighting fixture manufacturing ..... | 3  | 12                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3352       | Household appliance manufacturing .....   | —  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33521      | Small electrical appliance manufacturing .....  | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335211     | Electric housewares and household fan manufacturing .....                               | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353       | Electrical equipment manufacturing .....  | —  | 36                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 842                                |
| 33531      | Electrical equipment manufacturing .....  | —  | 36                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 842                                |
| 335312     | Motor and generator manufacturing .....   | —  | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335313     | Switchgear and switchboard apparatus manufacturing ..                                   | —  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335314     | Relay and industrial control manufacturing .....  | 1  | 20                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 455                                |
| 3359       | Other electrical equipment and component manufacturing .....                            | 1  | 44                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33592      | Communication and energy wire and cable manufacturing ..                                | 3  | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 948                                  |
| 335929     | Other communication and energy wire manufacturing ..                                    | 2  | 5                               | 3                         | 313                 | 10 014            | 201                 | 420           | 4 926           | 21 178                | 19 384                            | 39 729                             | D                                    |
| 33593      | Wiring device manufacturing ..  | —  | 8                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335932     | Noncurrent-carrying wiring device manufacturing .....                                   | —  | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....                        | 3  | 26                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 075                                |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..             | 3  | 25                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....  | 5  | 99                              | 47                        | 14 467              | 697 151           | 10 123              | 21 904        | 331 388         | 1 170 075             | 1 990 500                         | 3 277 216                          | 76 607                               |
| 3363       | Motor vehicle parts manufacturing .....   | 2  | 62                              | 32                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 54 825                               |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing .....                   | —  | 23                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing .....             | —  | 22                              | 8                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33633      | Motor vehicle steering and suspension component (except spring) manufacturing .....     | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336330     | Motor vehicle steering and suspension component (except spring) manufacturing .....     | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33634      | Motor vehicle brake system manufacturing .....  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336340     | Motor vehicle brake system manufacturing .....  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33635      | Motor vehicle transmission and power train parts manufacturing .....                    | —  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336350     | Motor vehicle transmission and power train parts manufacturing .....                    | —  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33637      | Motor vehicle metal stamping ..   | —  | 10                              | 9                         | 794                 | 42 846            | 624                 | 1 324         | 32 527          | 72 714                | 81 378                            | 153 462                            | 2 044                                |
| 336370     | Motor vehicle metal stamping .....  | —  | 10                              | 9                         | 794                 | 42 846            | 624                 | 1 324         | 32 527          | 72 714                | 81 378                            | 153 462                            | 2 044                                |
| 33639      | Other motor vehicle parts manufacturing .....   | 9  | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336399     | All other motor vehicle parts manufacturing .....                                       | 9  | 10                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>          |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>    |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>                                       |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 336        | Transportation equipment manufacturing—Con.  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 3364       | Aerospace product and parts manufacturing .....  | 8                               | 12    | 8                         | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | 20 552                               |                 |
| 33641      | Aerospace product and parts manufacturing .....  | 8                               | 12    | 8                         | i                   | D                  | D                   | D             | D                     | D                                 | D                                  | 20 552                               |                 |
| 336411     | Aircraft manufacturing .....   | 9                               | 3     | 2                         | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336413     | Other aircraft parts and auxiliary equipment manufacturing .....                         | —                               | 5     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 336419     | Other guided missile and space vehicle parts and auxiliary equipment manufacturing ..... | —                               | 2     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 337        | Furniture and related product manufacturing .....  | 6                               | 270   | 57                        | 7 270               | 251 211            | 4 899               | 9 632         | 127 769               | 605 384                           | 504 471                            | 1 116 464                            | 28 333          |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing .....            | 5                               | 190   | 21                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33711      | Wood kitchen cabinet and countertop manufacturing ...                                    | 2                               | 100   | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                                     | 2                               | 100   | 12                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33712      | Household and institutional furniture manufacturing .....                                | 6                               | 90    | 9                         | 2 214               | 56 126             | 1 804               | 3 595         | 40 366                | 116 489                           | 115 961                            | 238 158                              | 6 751           |
| 337122     | Nonupholstered wood household furniture manufacturing .....                              | 2                               | 46    | 4                         | 302                 | 7 496              | 244                 | 490           | 5 758                 | 14 416                            | 10 356                             | 24 822                               | 3 616           |
| 337124     | Metal household furniture manufacturing .....  | 6                               | 8     | 3                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3372       | Office furniture (including fixtures) manufacturing .....                                | 7                               | 69    | 30                        | 3 737               | 156 506            | 2 059               | 3 975         | 61 549                | 395 467                           | 313 756                            | 710 293                              | 15 964          |
| 33721      | Office furniture (including fixtures) manufacturing .....                                | 7                               | 69    | 30                        | 3 737               | 156 506            | 2 059               | 3 975         | 61 549                | 395 467                           | 313 756                            | 710 293                              | 15 964          |
| 337212     | Custom architectural woodwork and millwork manufacturing .....                           | 2                               | 27    | 14                        | 700                 | 25 838             | 462                 | 916           | 12 627                | 44 732                            | 30 756                             | 74 772                               | D               |
| 337214     | Office furniture (except wood) manufacturing .....                                       | 9                               | 6     | 4                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                            | 2                               | 30    | 11                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 3379       | Other furniture related product manufacturing .....                                      | 8                               | 11    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339        | Miscellaneous manufacturing .....  | 4                               | '497  | '110                      | '11 762             | '497 951           | '7 094              | '13 812       | '213 187              | '1 311 485                        | '743 833                           | '2 051 754                           | '41 921         |
| 3391       | Medical equipment and supplies manufacturing .....                                       | 5                               | '202  | '50                       | '5 594              | '269 603           | '3 229              | '6 275        | '109 846              | '784 838                          | '301 193                           | '1 082 201                           | '28 396         |
| 33911      | Medical equipment and supplies manufacturing .....                                       | 5                               | '202  | '50                       | '5 594              | '269 603           | '3 229              | '6 275        | '109 846              | '784 838                          | '301 193                           | '1 082 201                           | '28 396         |
| 339112     | Surgical and medical instrument manufacturing ..   | 5                               | 40    | 19                        | 3 327               | 187 108            | 1 709               | 3 520         | 68 830                | 605 910                           | 221 442                            | 823 665                              | 21 253          |
| 339113     | Surgical appliance and supplies manufacturing ....                                       | 5                               | 35    | 14                        | 1 040               | 41 127             | 632                 | 1 138         | 16 498                | 99 272                            | 48 761                             | 147 735                              | D               |
| 339114     | Dental equipment and supplies manufacturing ....   | '3                              | '19   | '5                        | '296                | '11 861            | '211                | '360          | '5 897                | '22 370                           | '10 947                            | '33 160                              | '610            |
| 339116     | Dental laboratories .....  | 5                               | 89    | 6                         | 606                 | 17 859             | 446                 | 861           | 12 934                | 33 764                            | 7 404                              | 41 156                               | 969             |
| 3399       | Other miscellaneous manufacturing .....  | 2                               | '295  | 60                        | '6 168              | '228 348           | '3 865              | '7 537        | '103 341              | '526 647                          | '442 640                           | '969 553                             | '13 525         |
| 33991      | Jewelry and silverware manufacturing .....   | —                               | 49    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 339911     | Jewelry (except costume) manufacturing .....   | —                               | 33    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    |                 |
| 33992      | Sporting and athletic goods manufacturing .....  | 5                               | 13    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | 1 175                                |                 |
| 339920     | Sporting and athletic goods manufacturing .....  | 5                               | 13    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | 1 175                                |                 |
| 33993      | Doll, toy, and game manufacturing .....  | 1                               | 19    | 3                         | 314                 | 13 314             | 150                 | 303           | 3 110                 | 40 934                            | 40 116                             | 80 951                               | D               |
| 339932     | Game, toy, and children's vehicle manufacturing ....                                     | 1                               | 16    | 2                         | 272                 | 12 429             | 119                 | 246           | 2 508                 | 39 672                            | 39 056                             | 78 546                               | D               |
| 33995      | Sign manufacturing .....   | 1                               | 77    | 12                        | 1 143               | 47 673             | 664                 | 1 286         | 23 669                | 92 985                            | 58 416                             | 154 438                              | 2 435           |
| 339950     | Sign manufacturing .....   | 1                               | 77    | 12                        | 1 143               | 47 673             | 664                 | 1 286         | 23 669                | 92 985                            | 58 416                             | 154 438                              | 2 435           |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia, PA Metropolitan Division—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339        | Miscellaneous manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3399       | Other miscellaneous manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33999      | All other miscellaneous manufacturing .....  | 3              | '124                            | 29                        | '3 368              | '118 982          | '2 167              | '4 184        | '55 675         | '263 484              | '192 546                          | '451 026                           | '7 846                               |
| 339991     | Gasket, packing, and sealing device manufacturing .....                                    | 5              | 15                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339994     | Broom, brush, and mop manufacturing .....  | 9              | 5                               | 2                         | 358                 | 10 652            | 297                 | 636           | 7 221           | 36 296                | 21 974                            | 54 080                             | D                                    |
| 339999     | All other miscellaneous manufacturing .....  | 1              | '97                             | 19                        | '1 889              | '63 428           | '1 216              | '2 261        | '29 360         | '148 935              | '120 402                          | '269 972                           | '4 492                               |
|            | <b>Wilmington, DE-MD-NJ Metropolitan Division</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....  | —              | '565                            | 194                       | '30 571             | '1 478 722        | '19 680             | '36 944       | '810 845        | '3 944 955            | '10 391 638                       | '14 474 472                        | '506 164                             |
| 311        | Food manufacturing .....   | 7              | 39                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 515                                |
| 313        | Textile mills .....  | 1              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....   | 1              | 17                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 636                                  |
| 3212       | Veneer, plywood, and engineered wood product manufacturing .....                           | —              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 434                                  |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....                           | —              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 434                                  |
| 321214     | Truss manufacturing .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....  | —              | 8                               | 6                         | 515                 | 19 664            | 386                 | 788           | 13 055          | 43 108                | 58 967                            | 102 150                            | 2 631                                |
| 3222       | Converted paper product manufacturing .....  | —              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221      | Paperboard container manufacturing .....   | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 573                                |
| 323        | Printing and related support activities .....  | 3              | 69                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 634                                |
| 3231       | Printing and related support activities .....  | 3              | 69                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 634                                |
| 32311      | Printing .....   | 4              | 65                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110     | Commercial lithographic printing .....   | 4              | 29                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 521                                |
| 324        | Petroleum and coal products manufacturing .....  | —              | 10                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241       | Petroleum and coal products manufacturing .....  | —              | 10                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32411      | Petroleum refineries .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110     | Petroleum refineries .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....   | —              | 57                              | 30                        | 6 697               | 423 009           | 3 409               | 7 303         | 189 078         | 1 497 363             | 3 893 249                         | 5 538 775                          | 174 335                              |
| 3251       | Basic chemical manufacturing ...   | 1              | 17                              | 11                        | 2 808               | 190 192           | 1 406               | 2 827         | 87 731          | 736 563               | 417 039                           | 1 159 927                          | 56 079                               |
| 32512      | Industrial gas manufacturing ...   | —              | 7                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325120     | Industrial gas manufacturing ...   | —              | 7                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32513      | Synthetic dye and pigment manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325132     | Synthetic organic dye and pigment manufacturing ...  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32518      | Other basic inorganic chemical manufacturing .....   | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | 4              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 9 339                                |
| 325199     | All other basic organic chemical manufacturing .....                                       | 4              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 9 339                                |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | —              | 10                              | 9                         | 707                 | 42 942            | 460                 | 982           | 27 308          | 182 849               | 241 866                           | 430 355                            | D                                    |
| 32521      | Resin and synthetic rubber manufacturing .....   | —              | 10                              | 9                         | 707                 | 42 942            | 460                 | 982           | 27 308          | 182 849               | 241 866                           | 430 355                            | D                                    |
| 325211     | Plastics material and resin manufacturing .....  | —              | 9                               | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 337                                |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|---------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |         |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
|            | <b>Wilmington, DE-MD-NJ Metropolitan Division—Con.</b>                                |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 325        | Chemical manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 3254       | Pharmaceutical and medicine manufacturing .....                                       | —              | 7                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 32541      | Pharmaceutical and medicine manufacturing .....                                       | —              | 7                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 325412     | Pharmaceutical preparation manufacturing .....  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 325413     | In-vitro diagnostic substance manufacturing .....                                     | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing ..                      | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 32561      | Soap and cleaning compound manufacturing .....  | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 325612     | Polish and other sanitation good manufacturing .....                                  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 326        | Plastics and rubber products manufacturing .....                                      | 1              | 48                              | 31                        |                     | 4 709             | 194 155             | 3 119         | 5 008           | 93 431                | 556 452                           | 387 650                            | 941 309                              | 121 087 |
| 3261       | Plastics product manufacturing ..   | 1              | 35                              | 25                        |                     | 4 427             | 184 055             | 2 910         | 4 594           | 86 796                | 532 112                           | 366 724                            | 896 036                              | 120 168 |
| 32611      | Plastics packaging materials and un laminated film and sheet manufacturing .....      | 1              | 9                               | 7                         |                     | 1 090             | 54 968              | 680           | 1 477           | 28 699                | 142 014                           | 128 960                            | 270 122                              | 11 513  |
| 326113     | Un laminated plastics film and sheet (except packaging) manufacturing .....           | 2              | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 32619      | Other plastics product manufacturing .....  | 1              | 17                              | 12                        |                     | 2 994             | 114 595             | 1 978         | 2 679           | 49 517                | 305 674                           | 214 956                            | 514 685                              | D       |
| 326192     | Resilient floor covering manufacturing .....  | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 326199     | All other plastics product manufacturing .....  | 2              | 14                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3262       | Rubber product manufacturing ...  | 4              | 13                              | 6                         |                     | 282               | 10 100              | 209           | 414             | 6 635                 | 24 340                            | 20 926                             | 45 273                               | 919     |
| 327        | Nonmetallic mineral product manufacturing .....                                       | —              | 36                              | 13                        |                     | 1 090             | 47 573              | 872           | 1 906           | 34 824                | 129 575                           | 112 714                            | 243 051                              | 21 729  |
| 3272       | Glass and glass product manufacturing .....   | —              | 7                               | 3                         |                     | 450               | 20 560              | 396           | 862             | 17 330                | 62 166                            | 41 054                             | 104 136                              | D       |
| 32721      | Glass and glass product manufacturing .....   | —              | 7                               | 3                         |                     | 450               | 20 560              | 396           | 862             | 17 330                | 62 166                            | 41 054                             | 104 136                              | D       |
| 327213     | Glass container manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3273       | Cement and concrete product manufacturing .....                                       | 1              | 16                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | 3 614   |
| 331        | Primary metal manufacturing .....   | —              | 6                               | 3                         |                     | 464               | 22 440              | 330           | 699             | 14 798                | 48 537                            | 92 260                             | 135 728                              | D       |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....                               | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....                               | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 331111     | Iron and steel mills .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 332        | Fabricated metal product manufacturing .....  | 1              | 80                              | 25                        |                     | 1 870             | 78 899              | 1 382         | 2 784           | 51 952                | 160 194                           | 114 708                            | 274 368                              | 6 276   |
| 3323       | Architectural and structural metals manufacturing .....                               | 1              | 21                              | 8                         |                     | 570               | 25 410              | 451           | 977             | 17 750                | 54 690                            | 56 676                             | 110 840                              | 2 373   |
| 33231      | Plate work and fabricated structural product manufacturing .....                      | —              | 9                               | 5                         |                     | 398               | 18 864              | 321           | 709             | 13 730                | 41 893                            | 49 803                             | 91 618                               | 2 123   |
| 332312     | Fabricated structural metal manufacturing .....                                       | —              | 8                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....           | 1              | 28                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33271      | Machine shops .....   | 2              | 26                              | 4                         |                     | 334               | 16 320              | 223           | 473             | 10 087                | 35 376                            | 16 216                             | 51 815                               | 1 358   |
| 332710     | Machine shops .....   | 2              | 26                              | 4                         |                     | 334               | 16 320              | 223           | 473             | 10 087                | 35 376                            | 16 216                             | 51 815                               | 1 358   |
| 3329       | Other fabricated metal product manufacturing .....                                    | 2              | 14                              | 8                         |                     | 605               | 22 516              | 416           | 765             | 13 302                | 50 878                            | 25 209                             | 75 893                               | 1 995   |
| 33299      | All other fabricated metal product manufacturing .....                                | 2              | 11                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                  | 2              | 6                               | 4                         |                     | 348               | 11 583              | 266           | 460             | 8 090                 | 24 134                            | 12 986                             | 37 130                               | 1 226   |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>                    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b>              |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Wilmington, DE-MD-NJ Metropolitan Division—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing .....  | 1              | 30                              | 10                        | 1 024               | 46 872            | 515                 | 969           | 19 117          | 108 140               | 112 110                           | 216 138                            | 4 322                                |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | —              | 9                               | 5                         | 651                 | 30 495            | 277                 | 484           | 10 537          | 73 761                | 80 908                            | 155 331                            | D                                    |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | —              | 9                               | 5                         | 651                 | 30 495            | 277                 | 484           | 10 537          | 73 761                | 80 908                            | 155 331                            | D                                    |
| 333411     | Air purification equipment manufacturing .....   | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....  | 2              | 26                              | 13                        | 2 425               | 117 090           | 770                 | 1 538         | 25 165          | 226 677               | 100 705                           | 326 789                            | 13 147                               |
| 3344       | Semiconductor and other electronic component manufacturing .....                                   | 1              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 970                                |
| 33441      | Semiconductor and other electronic component manufacturing .....                                   | 1              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 970                                |
| 334413     | Semiconductor and related device manufacturing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334419     | Other electronic component manufacturing .....   | 2              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....               | —              | 14                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing .....               | —              | 14                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334516     | Analytical laboratory instrument manufacturing .....   | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....                                 | —              | 14                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359       | Other electrical equipment and component manufacturing .....                                       | —              | 8                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33591      | Battery manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335911     | Storage battery manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33592      | Communication and energy wire and cable manufacturing .....  | —              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335929     | Other communication and energy wire manufacturing .....  | —              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....   | —              | 13                              | 7                         | 5 197               | 284 754           | 4 393               | 7 472         | 233 278         | 568 796               | 3 205 677                         | 3 793 881                          | D                                    |
| 3361       | Motor vehicle manufacturing .....  | —              | 3                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33611      | Automobile and light duty motor vehicle manufacturing .....  | —              | 2                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336111     | Automobile manufacturing .....   | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336112     | Light truck and utility vehicle manufacturing .....  | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363       | Motor vehicle parts manufacturing .....  | —              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33636      | Motor vehicle seating and interior trim manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336360     | Motor vehicle seating and interior trim manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364       | Aerospace product and parts manufacturing .....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641      | Aerospace product and parts manufacturing .....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336415     | Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing .....     | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area—Con.</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Wilmington, DE-MD-NJ Metropolitan Division—Con.</b>                                |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 337        | Furniture and related product manufacturing .....                                     | 1              | 35                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 748                                |
| 3372       | Office furniture (including fixtures) manufacturing .....                             | 1              | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33721      | Office furniture (including fixtures) manufacturing .....                             | 1              | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337215     | Showcase, partition, shelving, and locker manufacturing .....                         | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339        | Miscellaneous manufacturing .....   | 5              | 44                              | 7                         | 1 020               | 37 549            | 818                 | 1 558         | 26 947          | 139 385               | 46 867                            | 186 564                            | 5 032                                |
| 3391       | Medical equipment and supplies manufacturing .....                                    | 9              | 19                              | 3                         | 663                 | 24 295            | 557                 | 1 096         | 17 791          | 71 568                | 24 723                            | 96 877                             | D                                    |
| 33911      | Medical equipment and supplies manufacturing .....                                    | 9              | 19                              | 3                         | 663                 | 24 295            | 557                 | 1 096         | 17 791          | 71 568                | 24 723                            | 96 877                             | D                                    |
| 339112     | Surgical and medical instrument manufacturing ..                                      | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399       | Other miscellaneous manufacturing .....   | —              | 25                              | 4                         | 357                 | 13 254            | 261                 | 462           | 9 156           | 67 817                | 22 144                            | 89 687                             | D                                    |
| 33999      | All other miscellaneous manufacturing .....   | —              | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
|            | <b>Vineland-Millville-Bridgeton, NJ Metropolitan Statistical Area</b>                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | 1              | 200                             | 81                        | 10 154              | 357 377           | 7 638               | 15 661        | 245 242         | '1 282 657            | 922 190                           | '2 223 206                         | 76 113                               |
| 311        | Food manufacturing .....  | 1              | 33                              | 18                        | 2 468               | 79 442            | 1 788               | 3 479         | 50 326          | '554 623              | 378 779                           | '932 911                           | 27 862                               |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....                 | —              | 7                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 11 548                               |
| 31142      | Fruit and vegetable canning, pickling, and drying .....                               | —              | 6                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311421     | Fruit and vegetable canning ..  | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311422     | Specialty canning .....   | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116       | Animal slaughtering and processing .....  | 6              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161      | Animal slaughtering and processing .....  | 6              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....   | 9              | 12                              | 4                         | 399                 | 8 146             | 323                 | 663           | 6 014           | 21 282                | 23 573                            | 44 846                             | D                                    |
| 31181      | Bread and bakery product manufacturing .....  | 9              | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315        | Apparel manufacturing .....   | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152       | Cut and sew apparel manufacturing .....   | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                               | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....                                      | —              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261       | Plastics product manufacturing ..   | —              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619      | Other plastics product manufacturing .....  | —              | 7                               | 4                         | 326                 | 10 004            | 225                 | 440           | 6 291           | 25 711                | 13 083                            | 39 029                             | D                                    |
| 326199     | All other plastics product manufacturing .....  | —              | 7                               | 4                         | 326                 | 10 004            | 225                 | 440           | 6 291           | 25 711                | 13 083                            | 39 029                             | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....                                       | 2              | 37                              | 23                        | 4 165               | 156 072           | 3 284               | 6 895         | 117 421         | 416 256               | 196 961                           | 618 969                            | 26 980                               |
| 3272       | Glass and glass product manufacturing .....   | 2              | 29                              | 19                        | 3 981               | 149 781           | 3 169               | 6 640         | 113 412         | 402 160               | 185 530                           | 593 353                            | 26 439                               |
| 32721      | Glass and glass product manufacturing .....   | 2              | 29                              | 19                        | 3 981               | 149 781           | 3 169               | 6 640         | 113 412         | 402 160               | 185 530                           | 593 353                            | 26 439                               |
| 327212     | Other pressed and blown glass and glassware manufacturing .....                       | —              | 7                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327213     | Glass container manufacturing .....   | 5              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215     | Glass product manufacturing made of purchased glass ..                                | 1              | 20                              | 13                        | 1 741               | 60 116            | 1 376               | 2 723         | 40 550          | 140 853               | 87 940                            | 227 361                            | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Vineland-Millville-Bridgeton, NJ Metropolitan Statistical Area—Con.</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332   | Fabricated metal product manufacturing .....                          | —  | 24                              | 5                         | 489                 | 17 523            | 346                 | 696           | 11 504          | 55 291                | 109 547                           | 171 261                            | 1 414                                |
| 333   | Machinery manufacturing .....   | 6  | 18                              | 7                         | 336                 | 13 517            | 203                 | 418           | 7 044           | 29 450                | 30 859                            | 64 106                             | 3 154                                |
| 336   | Transportation equipment manufacturing .....                          | —  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364  | Aerospace product and parts manufacturing .....                       | —  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641   | Aerospace product and parts manufacturing .....                       | —  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412  | Aircraft engine and engine parts manufacturing .....                  | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3366  | Ship and boat building .....  | —  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33661   | Ship and boat building .....  | —  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336612  | Boat building .....   | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing .....                                     | —  | 11                              | 4                         | 346                 | 10 381            | 244                 | 532           | 6 459           | 19 664                | 22 374                            | 42 329                             | 3 644                                |
| 3399  | Other miscellaneous manufacturing .....                               | —  | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA</b>                      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 1  | 3 143                           | 1 014                     | 112 635             | 4 458 277         | 76 883              | 152 254       | 2 603 936       | 12 545 891            | 13 467 407                        | 26 011 385                         | 627 636                              |
| 311   | Food manufacturing .....  | 2  | 224                             | 52                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113  | Sugar and confectionery product manufacturing .....                   | 2  | 33                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133   | Confectionery manufacturing from purchased chocolate .....            | 3  | 25                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311330  | Confectionery manufacturing from purchased chocolate .....            | 3  | 25                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114  | Fruit and vegetable preserving and specialty food manufacturing ..... | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142   | Fruit and vegetable canning, pickling, and drying .....               | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311422  | Specialty canning .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115  | Dairy product manufacturing .....                                     | 1  | 13                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31151   | Dairy product (except frozen) manufacturing .....                     | —  | 12                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311511  | Fluid milk manufacturing .....  | —  | 6                               | 6                         | 723                 | 27 344            | 302                 | 643           | 10 113          | 111 260               | 141 587                           | 253 004                            | 7 767                                |
| 311513  | Cheese manufacturing .....  | —  | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116  | Animal slaughtering and processing .....                              | 5  | 27                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161   | Animal slaughtering and processing .....                              | 5  | 27                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311612  | Meat processed from carcasses .....                                   | 4  | 11                              | 4                         | 342                 | 10 334            | 231                 | 498           | 5 799           | 23 484                | 39 778                            | 63 278                             | 1 454                                |
| 3118  | Bakeries and tortilla manufacturing .....                             | 5  | 118                             | 22                        | 1 670               | 40 166            | 944                 | 1 579         | 22 758          | 148 440               | 60 602                            | 208 909                            | 4 666                                |
| 31181   | Bread and bakery product manufacturing .....                          | 2  | 110                             | 18                        | 1 342               | 28 508            | 682                 | 1 067         | 13 975          | 77 761                | 37 775                            | 115 516                            | D                                    |
| 311811  | Retail bakeries .....   | 3  | 84                              | 11                        | 832                 | 11 990            | 409                 | 522           | 6 134           | 20 271                | 10 263                            | 30 725                             | 823                                  |
| 311812  | Commercial bakeries .....   | 3  | 23                              | 4                         | 312                 | 10 002            | 156                 | 284           | 5 008           | 21 143                | 6 676                             | 27 818                             | 1 190                                |
| 31182   | Cookie, cracker, and pasta manufacturing .....                        | 9  | 8                               | 4                         | 328                 | 11 658            | 262                 | 512           | 8 783           | 70 679                | 22 827                            | 93 393                             | D                                    |
| 311821  | Cookie and cracker manufacturing .....                                | 9  | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312   | Beverage and tobacco product manufacturing .....                      | 6  | 18                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3121  | Beverage manufacturing .....  | 6  | 18                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211   | Soft drink and ice manufacturing .....                                | 5  | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111  | Soft drink manufacturing .....  | 2  | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31212   | Breweries .....   | 7  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312120  | Breweries .....   | 7  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313   | Textile mills .....   | 1  | 18                              | 6                         | 450                 | 14 817            | 360                 | 685           | 9 946           | 41 934                | 40 488                            | 79 678                             | 2 017                                |
| 3132  | Fabric mills .....  | —  | 9                               | 3                         | 293                 | 9 286             | 226                 | 458           | 5 635           | 23 144                | 27 519                            | 50 678                             | D                                    |
| 314   | Textile product mills .....   | 3  | 50                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3149  | Other textile product mills .....                                     | 4  | 33                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>                            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315        | Apparel manufacturing .....  | 1              | 45                              | 7                         | 437                 | 8 778             | 360                 | 689           | 5 922           | 20 314                | 18 945                            | 39 471                             | D                                    |
| 3152       | Cut and sew apparel manufacturing .....  | —              | 34                              | 6                         | 367                 | 7 142             | 301                 | 577           | 4 749           | 18 434                | 17 048                            | 35 570                             | 247                                  |
| 321        | Wood product manufacturing .....   | 2              | 130                             | 24                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 666                                |
| 3211       | Sawmills and wood preservation .....   | 2              | 36                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32111      | Sawmills and wood preservation .....   | 2              | 36                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321113     | Sawmills .....   | 4              | 33                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3212       | Veneer, plywood, and engineered wood product manufacturing .....                           | 5              | 7                               | 4                         | 404                 | 10 827            | 331                 | 658           | 7 281           | 17 635                | 22 070                            | 39 762                             | D                                    |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....                           | 5              | 7                               | 4                         | 404                 | 10 827            | 331                 | 658           | 7 281           | 17 635                | 22 070                            | 39 762                             | D                                    |
| 321211     | Hardwood veneer and plywood manufacturing .....  | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....   | 1              | 87                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork .....   | 2              | 41                              | 9                         | 630                 | 16 125            | 513                 | 994           | 11 283          | 29 739                | 79 995                            | 109 098                            | 2 452                                |
| 321912     | Cut stock, resawing lumber, and planing .....  | —              | 8                               | 4                         | 296                 | 7 133             | 246                 | 479           | 5 427           | 14 291                | 58 672                            | 72 295                             | 1 580                                |
| 32199      | All other wood product manufacturing .....   | —              | 21                              | 3                         | 351                 | 10 838            | 252                 | 472           | 6 519           | 31 948                | 36 744                            | 68 421                             | 504                                  |
| 322        | Paper manufacturing .....  | —              | 30                              | 20                        | 2 516               | 85 585            | 1 959               | 4 062         | 56 949          | 261 362               | 341 363                           | 600 653                            | 18 816                               |
| 3222       | Converted paper product manufacturing .....  | —              | 30                              | 20                        | 2 516               | 85 585            | 1 959               | 4 062         | 56 949          | 261 362               | 341 363                           | 600 653                            | 18 816                               |
| 32221      | Paperboard container manufacturing .....   | —              | 21                              | 16                        | 1 372               | 50 529            | 1 023               | 2 189         | 29 574          | 130 237               | 181 517                           | 312 506                            | 9 394                                |
| 322211     | Corrugated and solid fiber box manufacturing .....   | —              | 18                              | 14                        | 1 262               | 47 340            | 931                 | 1 984         | 27 508          | 124 433               | 176 445                           | 301 606                            | D                                    |
| 32223      | Stationery product manufacturing .....   | —              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322232     | Envelope manufacturing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229      | Other converted paper product manufacturing .....  | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291     | Sanitary paper product manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....  | 1              | 336                             | 70                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 29 739                               |
| 3231       | Printing and related support activities .....  | 1              | 336                             | 70                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 29 739                               |
| 32311      | Printing .....   | 1              | 317                             | 65                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110     | Commercial lithographic printing .....   | 1              | 153                             | 35                        | 2 631               | 91 038            | 1 934               | 3 437         | 56 384          | 190 044               | 122 026                           | 311 345                            | D                                    |
| 323113     | Commercial screen printing .....   | —              | 44                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323114     | Quick printing .....   | 3              | 70                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323116     | Manifold business forms printing .....   | 2              | 10                              | 7                         | 700                 | 20 866            | 566                 | 1 080         | 15 973          | 81 883                | 42 715                            | 124 648                            | 1 793                                |
| 32312      | Support activities for printing .....  | —              | 19                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324        | Petroleum and coal products manufacturing .....  | —              | 34                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 956                                |
| 3241       | Petroleum and coal products manufacturing .....  | —              | 34                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 956                                |
| 32411      | Petroleum refineries .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110     | Petroleum refineries .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32419      | Other petroleum and coal products manufacturing .....                                      | —              | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 380                                |
| 324191     | Petroleum lubricating oil and grease manufacturing .....                                   | —              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....   | 2              | 132                             | 55                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 52 693                               |
| 3251       | Basic chemical manufacturing .....   | —              | 23                              | 10                        | 1 142               | 60 979            | 735                 | 1 422         | 36 665          | 223 945               | 207 644                           | 446 390                            | 12 243                               |
| 32513      | Synthetic dye and pigment manufacturing .....  | —              | 5                               | 3                         | 410                 | 19 759            | 227                 | 434           | 9 432           | 51 755                | 36 060                            | 88 828                             | 2 395                                |
| 325131     | Inorganic dye and pigment manufacturing .....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | —              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325192     | Cyclic crude and intermediate manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | 4              | 11                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 10 896                               |
| 32521      | Resin and synthetic rubber manufacturing .....   | 4              | 10                              | 8                         | 1 309               | 66 833            | 860                 | 1 815         | 42 261          | 264 744               | 412 028                           | 683 046                            | 10 896                               |
| 325211     | Plastics material and resin manufacturing .....  | 5              | 9                               | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325        | Chemical manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3254       | Pharmaceutical and medicine manufacturing .....                                 | 9              | 9                               | 3                         | 258                 | 11 538            | 150                 | 302           | 5 282           | 65 114                | 23 885                            | 85 034                             | 5 276                                |
| 32541      | Pharmaceutical and medicine manufacturing .....                                 | 9              | 9                               | 3                         | 258                 | 11 538            | 150                 | 302           | 5 282           | 65 114                | 23 885                            | 85 034                             | 5 276                                |
| 3255       | Paint, coating, and adhesive manufacturing .....                                | 1              | 24                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32551      | Paint and coating manufacturing .....   | 1              | 20                              | 8                         | 942                 | 50 840            | 447                 | 935           | 19 829          | 146 603               | 220 870                           | 365 604                            | 7 560                                |
| 325510     | Paint and coating manufacturing .....   | 1              | 20                              | 8                         | 942                 | 50 840            | 447                 | 935           | 19 829          | 146 603               | 220 870                           | 365 604                            | 7 560                                |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing ..                | —              | 21                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32561      | Soap and cleaning compound manufacturing .....                                  | —              | 18                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325611     | Soap and other detergent manufacturing .....                                    | —              | 12                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3259       | Other chemical product and preparation manufacturing .....                      | 2              | 41                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32599      | All other chemical product and preparation manufacturing ...                    | 2              | 38                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325991     | Custom compounding of purchased resins .....                                    | 5              | 8                               | 6                         | 342                 | 13 712            | 233                 | 470           | 7 656           | 71 839                | 142 404                           | 213 345                            | D                                    |
| 325998     | All other miscellaneous chemical product and preparation manufacturing .        | 2              | 23                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....                                | 1              | '115                            | '71                       | '6 088              | '190 756          | '4 477              | '9 131        | '113 392        | '490 432              | '411 907                          | '900 617                           | 52 258                               |
| 3261       | Plastics product manufacturing ..   | 1              | '93                             | '63                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611      | Plastics packaging materials and unlaminated film and sheet manufacturing ..... | 1              | 9                               | 4                         | 413                 | 15 746            | 302                 | 626           | 10 435          | 39 423                | 42 113                            | 80 552                             | 2 889                                |
| 326113     | Unlaminated plastics film and sheet (except packaging) manufacturing .....      | 1              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32612      | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....  | —              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326121     | Unlaminated plastics profile shape manufacturing .....                          | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619      | Other plastics product manufacturing .....                                      | 1              | '70                             | '48                       | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199     | All other plastics product manufacturing .....                                  | 1              | '67                             | '46                       | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...  | 4              | 22                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629      | Other rubber product manufacturing .....  | 5              | 10                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299     | All other rubber product manufacturing .....                                    | 5              | 8                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....                                 | 1              | 211                             | 79                        | 8 308               | 313 978           | 6 406               | 13 119        | 215 799         | 892 259               | 562 722                           | 1 453 544                          | 52 589                               |
| 3271       | Clay product and refractory manufacturing .....                                 | 1              | '38                             | '21                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing .....                     | —              | '16                             | '9                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327111     | Vitreous china and earthenware plumbing fixture and accessories mfg .....       | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327113     | Porcelain electrical supply manufacturing .....                                 | —              | 6                               | 4                         | 468                 | 15 747            | 345                 | 741           | 9 370           | 32 902                | 9 937                             | 41 417                             | 3 165                                |
| 32712      | Clay building material and refractories manufacturing ....                      | 2              | 22                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327124     | Clay refractory manufacturing .....   | 1              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327125     | Nonclay refractory manufacturing .....  | 3              | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272       | Glass and glass product manufacturing .....                                     | 1              | 39                              | 20                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721      | Glass and glass product manufacturing .....                                     | 1              | 39                              | 20                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212     | Other pressed and blown glass and glassware manufacturing .....                 | 2              | 12                              | 7                         | 1 835               | 62 715            | 1 544               | 3 071         | 50 187          | 152 620               | 52 487                            | 216 028                            | 7 633                                |
| 327213     | Glass container manufacturing .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215     | Glass product manufacturing made of purchased glass ..                          | 2              | 24                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| NAICS code  | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327   | Nonmetallic mineral product manufacturing—Con.  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3273  | Cement and concrete product manufacturing .....   | 2  | '90                             | '24                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '24 530                              |
| 32731   | Cement manufacturing .....  | 1  | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327310  | Cement manufacturing .....  | 1  | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32732   | Ready-mix concrete manufacturing .....  | 4  | 36                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327320  | Ready-mix concrete manufacturing .....  | 4  | 36                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32733   | Concrete pipe, brick, and block manufacturing .....   | 1  | 18                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327331  | Concrete block and brick manufacturing .....  | 1  | 16                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32739   | Other concrete product manufacturing .....  | '1 | '29                             | '5                        | '314                | '10 650           | '179                | '351          | '5 193          | '20 829               | '9 305                            | '30 108                            | '5 110                               |
| 327390  | Other concrete product manufacturing .....  | '1 | '29                             | '5                        | '314                | '10 650           | '179                | '351          | '5 193          | '20 829               | '9 305                            | '30 108                            | '5 110                               |
| 3279  | Other nonmetallic mineral product manufacturing .....   | —  | 41                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32791   | Abrasive product manufacturing .....  | 1  | 7                               | 3                         | 260                 | 11 830            | 195                 | 443           | 8 284           | 28 101                | 15 027                            | 42 830                             | 1 111                                |
| 327910  | Abrasive product manufacturing .....  | 1  | 7                               | 3                         | 260                 | 11 830            | 195                 | 443           | 8 284           | 28 101                | 15 027                            | 42 830                             | 1 111                                |
| 32799   | All other nonmetallic mineral product manufacturing .....   | —  | 34                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331   | Primary metal manufacturing .....   | —  | '140                            | '87                       | '19 554             | '935 753          | '14 598             | '29 742       | '673 151        | '2 962 097            | '3 472 832                        | '6 458 330                         | '104 965                             |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....   | —  | 30                              | 25                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....   | —  | 30                              | 25                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111  | Iron and steel mills .....  | —  | 28                              | 24                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312  | Steel product manufacturing from purchased steel .....  | —  | '23                             | '18                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33121   | Iron and steel pipe and tube manufacturing from purchased steel .....                             | —  | 4                               | 4                         | 274                 | 10 995            | 227                 | 492           | 9 058           | 7 885                 | 37 160                            | 51 794                             | D                                    |
| 331210  | Iron and steel pipe and tube manufacturing from purchased steel .....                             | —  | 4                               | 4                         | 274                 | 10 995            | 227                 | 492           | 9 058           | 7 885                 | 37 160                            | 51 794                             | D                                    |
| 33122   | Rolling and drawing of purchased steel .....  | —  | '19                             | '14                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331221  | Rolled steel shape manufacturing .....  | —  | '13                             | '11                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314  | Nonferrous metal (except aluminum) production and processing .....                                | —  | 40                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33141   | Nonferrous metal (except aluminum) smelting and refining .....                                    | —  | 5                               | 4                         | 1 004               | 44 790            | 684                 | 1 355         | 28 471          | 93 589                | 130 957                           | 225 477                            | D                                    |
| 331419  | Primary smelting and refining of nonferrous metal (except copper and aluminum) .....              | —  | 5                               | 4                         | 1 004               | 44 790            | 684                 | 1 355         | 28 471          | 93 589                | 130 957                           | 225 477                            | D                                    |
| 33142   | Copper rolling, drawing, extruding, and alloying .....  | —  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331421  | Copper rolling, drawing, and extruding .....  | —  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149   | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | 1  | 32                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331491  | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....               | 1  | 16                              | 8                         | 586                 | 27 778            | 379                 | 839           | 15 517          | 66 517                | 69 640                            | 137 772                            | 7 704                                |
| 331492  | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | 1  | 16                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315  | Foundries .....   | 2  | 45                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151   | Ferrous metal foundries .....   | 4  | 23                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331511  | Iron foundries .....  | 7  | 10                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 329                                |
| 331513  | Steel foundries (except investment) .....   | 1  | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152   | Nonferrous metal foundries .....  | 1  | 22                              | 12                        | 1 450               | 48 866            | 995                 | 2 044         | 31 872          | 105 086               | 48 658                            | 152 647                            | 6 373                                |
| 331522  | Nonferrous (except aluminum) die-casting foundries .....  | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331524  | Aluminum foundries (except die-casting) .....   | —  | 6                               | 4                         | 546                 | 15 425            | 418                 | 858           | 11 722          | 40 850                | 15 570                            | 55 544                             | D                                    |

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>                                   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing .....  | 1  | '717                            | '245                      | '17 859             | '626 158          | '13 294             | '26 260       | '390 740        | '1 432 875            | '1 460 221                        | '2 885 871                         | '92 140                              |
| 3321       | Forging and stamping.....   | —  | 39                              | 28                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33211      | Forging and stamping.....   | —  | 39                              | 28                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332111     | Iron and steel forging .....  | —  | 6                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332116     | Metal stamping .....  | —  | 19                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332117     | Powder metallurgy part manufacturing .....  | —  | 6                               | 4                         | 326                 | 11 963            | 192                 | 418           | 6 794           | 22 057                | 22 508                            | 45 298                             | 294                                  |
| 3322       | Cutlery and handtool manufacturing .....  | —  | '15                             | '7                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '1 176                               |
| 33221      | Cutlery and handtool manufacturing .....  | —  | '15                             | '7                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '1 176                               |
| 332214     | Kitchen utensil, pot, and pan manufacturing .....   | —  | '3                              | '2                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323       | Architectural and structural metals manufacturing .....   | 2  | 163                             | 63                        | '5 204              | '180 031          | '3 709              | '7 223        | '103 575        | '359 874              | '455 351                          | '817 266                           | '35 442                              |
| 33231      | Plate work and fabricated structural product manufacturing .....                                  | 4  | 82                              | 33                        | '2 182              | '76 585           | '1 609              | '3 367        | '46 042         | '117 856              | '191 684                          | '309 638                           | D                                    |
| 332312     | Fabricated structural metal manufacturing .....   | 3  | '54                             | '23                       | '1 402              | '50 310           | '1 032              | '2 179        | '29 781         | '95 004               | '108 705                          | '204 795                           | D                                    |
| 332313     | Plate work manufacturing .....  | 8  | '21                             | '7                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232      | Ornamental and architectural metal products manufacturing .....                                   | —  | 81                              | 30                        | 3 022               | 103 446           | 2 100               | 3 856         | 57 533          | 242 018               | 263 667                           | 507 628                            | D                                    |
| 332321     | Metal window and door manufacturing .....   | —  | 17                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332322     | Sheet metal work manufacturing .....  | 1  | 39                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332323     | Ornamental and architectural metal work manufacturing ..  | 1  | 25                              | 5                         | 374                 | 12 465            | 268                 | 545           | 7 222           | 29 289                | 32 828                            | 61 534                             | 1 292                                |
| 3324       | Boiler, tank, and shipping container manufacturing .....  | 1  | '23                             | '15                       | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33242      | Metal tank (heavy gauge) manufacturing .....  | —  | '12                             | '10                       | '690                | '23 412           | '548                | '1 245        | '16 071         | '49 561               | '23 222                           | '71 230                            | '5 279                               |
| 332420     | Metal tank (heavy gauge) manufacturing .....  | —  | '12                             | '10                       | '690                | '23 412           | '548                | '1 245        | '16 071         | '49 561               | '23 222                           | '71 230                            | '5 279                               |
| 3326       | Spring and wire product manufacturing .....   | 1  | 29                              | 10                        | 707                 | 23 791            | 502                 | 1 091         | 13 563          | 58 647                | 54 636                            | 113 230                            | 3 702                                |
| 33261      | Spring and wire product manufacturing .....   | 1  | 29                              | 10                        | 707                 | 23 791            | 502                 | 1 091         | 13 563          | 58 647                | 54 636                            | 113 230                            | 3 702                                |
| 332618     | Other fabricated wire product manufacturing .....   | 2  | 22                              | 6                         | 447                 | 16 284            | 323                 | 693           | 9 160           | 38 244                | 40 665                            | 79 516                             | 2 987                                |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                       | 3  | '299                            | '71                       | '4 380              | '150 634          | '3 319              | '6 185        | '101 301        | '274 030              | '123 985                          | '399 192                           | 22 395                               |
| 33271      | Machine shops .....   | '3 | '257                            | '57                       | '3 276              | '113 354          | '2 427              | '4 582        | '75 673         | '199 402              | '83 085                           | '280 419                           | 14 105                               |
| 332710     | Machine shops .....   | '3 | '257                            | '57                       | '3 276              | '113 354          | '2 427              | '4 582        | '75 673         | '199 402              | '83 085                           | '280 419                           | 14 105                               |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                       | 3  | 42                              | 14                        | 1 104               | 37 280            | 892                 | 1 603         | 25 628          | 74 628                | 40 900                            | 118 773                            | 8 290                                |
| 332721     | Precision turned product manufacturing .....  | 3  | 30                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                    | —  | 58                              | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 528                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..                                       | —  | 58                              | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 528                                |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .. | —  | 27                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                 | 2  | 20                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3329       | Other fabricated metal product manufacturing .....  | 2  | 85                              | 23                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 087                                |
| 33291      | Metal valve manufacturing ....  | 2  | 16                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332911     | Industrial valve manufacturing .....  | 1  | 11                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33299      | All other fabricated metal product manufacturing .....  | 1  | 69                              | 17                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                              | 1  | 51                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....   | 1  | 280                             | 105                       | 11 353              | 487 709           | 6 533               | 12 593        | 236 692         | 1 012 340             | 839 508                           | 1 808 856                          | 46 542                               |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....                               | 2  | 16                              | 3                         | 259                 | 10 045            | 203                 | 390           | 6 988           | 31 283                | 53 387                            | 91 609                             | 1 079                                |

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|---|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|--------|
|   |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |        |
| <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |        |
| 333   | Machinery manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |        |
| 3332  | Industrial machinery manufacturing .....   | 3  | 41                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33322   | Plastics and rubber industry machinery manufacturing ....  | —  | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 333220  | Plastics and rubber industry machinery manufacturing ..  | —  | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33329   | Other industrial machinery manufacturing .....   | 4  | 33                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 333298  | All other industrial machinery manufacturing .....   | 1  | 19                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 3333  | Commercial and service industry machinery manufacturing .....                                      | —  | 18                              | 7                         |                     | 1 264             | 55 960              | 640           | 1 372           | 26 904                | 125 377                           | 164 823                            | 280 825                              | 10 651 |
| 33331   | Commercial and service industry machinery manufacturing .....                                      | —  | 18                              | 7                         |                     | 1 264             | 55 960              | 640           | 1 372           | 26 904                | 125 377                           | 164 823                            | 280 825                              | 10 651 |
| 333314  | Optical instrument and lens manufacturing .....  | —  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 333319  | Other commercial and service industry machinery manufacturing .....                                | 1  | 10                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 3334  | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 2  | 15                              | 6                         |                     | 472               | 20 738              | 267           | 536             | 9 375                 | 45 158                            | 26 589                             | 72 004                               | D      |
| 33341   | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 2  | 15                              | 6                         |                     | 472               | 20 738              | 267           | 536             | 9 375                 | 45 158                            | 26 589                             | 72 004                               | D      |
| 3335  | Metalworking machinery manufacturing .....   | 2  | 118                             | 37                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 16 567                               |        |
| 33351   | Metalworking machinery manufacturing .....   | 2  | 118                             | 37                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 16 567                               |        |
| 333511  | Industrial mold manufacturing .....  | —  | 16                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 333514  | Special die and tool, die set, jig, and fixture manufacturing .....                                | —  | 61                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 333515  | Cutting tool and machine tool accessory manufacturing, ...   | 1  | 24                              | 6                         |                     | 693               | 27 153              | 453           | 823             | 16 629                | 61 783                            | 28 350                             | 89 578                               | 1 974  |
| 333516  | Rolling mill machinery and equipment manufacturing ..  | 4  | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 3339  | Other general purpose machinery manufacturing .....  | 1  | 67                              | 35                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33391   | Pump and compressor manufacturing .....  | —  | 6                               | 4                         |                     | 1 683             | 86 470              | 767           | 1 063           | 25 262                | 105 345                           | 186 097                            | 237 845                              | D      |
| 333911  | Pump and pumping equipment manufacturing ..  | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 333912  | Air and gas compressor manufacturing .....   | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33392   | Material handling equipment manufacturing .....  | 2  | 14                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33399   | All other general purpose machinery manufacturing ....   | 2  | 47                              | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 333993  | Packaging machinery manufacturing .....  | —  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 333994  | Industrial process furnace and oven manufacturing ...  | 2  | 8                               | 6                         |                     | 371               | 15 338              | 254           | 561             | 8 545                 | 22 669                            | 27 303                             | 50 119                               | 493    |
| 333999  | All other miscellaneous general purpose machinery manufacturing .....                              | 3  | 29                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 334   | Computer and electronic product manufacturing .....  | —  | 136                             | 54                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 3341  | Computer and peripheral equipment manufacturing .....  | 3  | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33411   | Computer and peripheral equipment manufacturing ....   | 3  | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 3343  | Audio and video equipment manufacturing .....  | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 33431   | Audio and video equipment manufacturing .....  | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 334310  | Audio and video equipment manufacturing .....  | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |        |
| 3344  | Semiconductor and other electronic component manufacturing .....                                   | 1  | 41                              | 18                        |                     | 2 087             | 63 662              | 1 250         | 2 561           | 35 845                | 127 792                           | 105 211                            | 235 288                              | 4 604  |

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|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334        | Computer and electronic product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3344       | Semiconductor and other electronic component manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 33441      | Semiconductor and other electronic component manufacturing .....   | 1              | 41                              | 18                        | 2 087               | 63 662            | 1 250               | 2 561         | 35 845          | 127 792               | 105 211                           | 235 288                            | 4 604                                |
| 334412     | Bare printed circuit board manufacturing .....   | 1              | 5                               | 2                         | 299                 | 9 973             | 243                 | 521           | 6 488           | 13 018                | 5 024                             | 18 070                             | D                                    |
| 334413     | Semiconductor and related device manufacturing .....   | —              | 11                              | 5                         | 839                 | 20 706            | 338                 | 649           | 10 515          | 52 433                | 66 266                            | 119 691                            | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....   | —              | 6                               | 4                         | 326                 | 11 032            | 244                 | 566           | 6 890           | 33 432                | 20 857                            | 53 641                             | 1 270                                |
| 334419     | Other electronic component manufacturing .....   | 1              | 12                              | 3                         | 472                 | 17 178            | 307                 | 595           | 8 713           | 20 318                | 8 594                             | 30 646                             | 1 462                                |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —              | 59                              | 28                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | —              | 59                              | 28                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing ...  | —              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 421                                |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | 2              | 3                               | 3                         | 317                 | 13 444            | 161                 | 293           | 4 468           | 26 121                | 5 857                             | 32 791                             | D                                    |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —              | 18                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334514     | Totalizing fluid meter and counting device manufacturing .....   | —              | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334516     | Analytical laboratory instrument manufacturing ..  | —              | 11                              | 5                         | 974                 | 45 566            | 475                 | 837           | 13 058          | 82 595                | 115 059                           | 197 413                            | 8 197                                |
| 334519     | Other measuring and controlling device manufacturing .....   | 3              | 9                               | 4                         | 323                 | 13 141            | 158                 | 322           | 4 891           | 23 838                | 17 068                            | 38 718                             | 656                                  |
| 335        | Electrical equipment, appliance, and component manufacturing .....   | 1              | 69                              | 32                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3351       | Electric lighting equipment manufacturing .....  | 1              | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 282                                  |
| 33512      | Lighting fixture manufacturing ..  | 1              | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 282                                  |
| 3353       | Electrical equipment manufacturing .....   | —              | 31                              | 14                        | 2 209               | 92 486            | 1 413               | 2 565         | 40 245          | 302 784               | 386 328                           | 687 482                            | 27 881                               |
| 33531      | Electrical equipment manufacturing .....   | —              | 31                              | 14                        | 2 209               | 92 486            | 1 413               | 2 565         | 40 245          | 302 784               | 386 328                           | 687 482                            | 27 881                               |
| 335311     | Power, distribution, and specialty transformer manufacturing .....   | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335313     | Switchgear and switchboard apparatus manufacturing ...   | —              | 8                               | 5                         | 970                 | 37 624            | 712                 | 1 061         | 21 146          | 185 950               | 191 140                           | 380 144                            | D                                    |
| 335314     | Relay and industrial control manufacturing .....   | —              | 15                              | 6                         | 819                 | 39 190            | 401                 | 880           | 9 030           | 77 579                | 158 426                           | 233 562                            | D                                    |
| 3359       | Other electrical equipment and component manufacturing .....   | 2              | 25                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33592      | Communication and energy wire and cable manufacturing ..   | 3              | 5                               | 4                         | 923                 | 34 141            | 413                 | 891           | 12 115          | 85 047                | 138 765                           | 247 904                            | 2 888                                |
| 335929     | Other communication and energy wire manufacturing ...  | 3              | 5                               | 4                         | 923                 | 34 141            | 413                 | 891           | 12 115          | 85 047                | 138 765                           | 247 904                            | 2 888                                |
| 33593      | Wiring device manufacturing ...  | —              | 6                               | 4                         | 436                 | 14 440            | 337                 | 636           | 8 528           | 30 892                | 20 414                            | 50 688                             | 1 545                                |
| 335931     | Current-carrying wiring device manufacturing .....   | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....   | 1              | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..  | 1              | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....   | 1              | 59                              | 22                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362       | Motor vehicle body and trailer manufacturing .....   | 2              | 18                              | 5                         | 280                 | 7 686             | 223                 | 457           | 5 253           | 16 174                | 25 638                            | 41 806                             | 412                                  |
| 33621      | Motor vehicle body and trailer manufacturing .....   | 2              | 18                              | 5                         | 280                 | 7 686             | 223                 | 457           | 5 253           | 16 174                | 25 638                            | 41 806                             | 412                                  |

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336   | Transportation equipment manufacturing—Con.                                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3363  | Motor vehicle parts manufacturing .....                                       | 2              | 19                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33637   | Motor vehicle metal stamping ..   | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336370  | Motor vehicle metal stamping .....  | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365  | Railroad rolling stock manufacturing .....                                    | 1              | 10                              | 5                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651   | Railroad rolling stock manufacturing .....                                    | 1              | 10                              | 5                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510  | Railroad rolling stock manufacturing .....                                    | 1              | 10                              | 5                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3366  | Ship and boat building .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33661   | Ship and boat building .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336611  | Ship building and repairing ..  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337   | Furniture and related product manufacturing .....                             | 3              | 137                             | 18                        | 1 421               | 40 648            | 1 035               | 2 023         | 25 001          | 80 626                | 58 812                            | 144 656                            | 2 751                                |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing ..... | 4              | 100                             | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711   | Wood kitchen cabinet and countertop manufacturing ....                        | 4              | 69                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110  | Wood kitchen cabinet and countertop manufacturing ..                          | 4              | 69                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3372  | Office furniture (including fixtures) manufacturing .....                     | 1              | 29                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33721   | Office furniture (including fixtures) manufacturing .....                     | 1              | 29                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing .....   | 1              | 259                             | 44                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391  | Medical equipment and supplies manufacturing .....                            | —              | 99                              | 18                        | 2 201               | 79 199            | 1 339               | 2 592         | 36 727          | 117 215               | 210 721                           | 329 591                            | D                                    |
| 33911   | Medical equipment and supplies manufacturing .....                            | —              | 99                              | 18                        | 2 201               | 79 199            | 1 339               | 2 592         | 36 727          | 117 215               | 210 721                           | 329 591                            | D                                    |
| 339112  | Surgical and medical instrument manufacturing ..                              | —              | 11                              | 5                         | 647                 | 19 843            | 460                 | 840           | 10 925          | 34 330                | 16 209                            | 50 493                             | 4 282                                |
| 339113  | Surgical appliance and supplies manufacturing ....                            | —              | 24                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing .....                                       | 1              | 160                             | 26                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33994   | Office supplies (except paper) manufacturing .....                            | —              | 12                              | 4                         | 447                 | 14 970            | 297                 | 624           | 8 626           | 28 165                | 54 602                            | 83 551                             | 1 565                                |
| 33995   | Sign manufacturing .....  | 2              | 60                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339950  | Sign manufacturing .....  | 2              | 60                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33999   | All other miscellaneous manufacturing .....                                   | 2              | 60                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339999  | All other miscellaneous manufacturing .....                                   | 2              | 49                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>New Castle, PA Micropolitan Statistical Area</b>             |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | —              | 176                             | 56                        | 4 798               | 175 703           | 3 607               | 7 600         | 115 768         | 689 104               | 632 737                           | 1 326 159                          | 37 798                               |
| 325   | Chemical manufacturing .....  | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 195                                |
| 3259  | Other chemical product and preparation manufacturing .....                    | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326   | Plastics and rubber products manufacturing .....                              | 2              | 7                               | 5                         | 387                 | 10 180            | 326                 | 767           | 7 325           | 22 621                | 18 612                            | 41 457                             | 8 379                                |
| 3261  | Plastics product manufacturing ..   | 2              | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....                                    | 3              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....                               | —              | 15                              | 9                         | 627                 | 25 791            | 472                 | 1 018         | 17 350          | 75 980                | 56 977                            | 129 433                            | 7 816                                |
| 3273  | Cement and concrete product manufacturing .....                               | —              | 4                               | 3                         | 340                 | 16 291            | 263                 | 590           | 12 029          | 54 517                | 39 960                            | 91 122                             | 6 350                                |
| 32731   | Cement manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327310  | Cement manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331   | Primary metal manufacturing .....   | —              | 12                              | 6                         | 607                 | 29 765            | 440                 | 1 062         | 19 606          | 117 510               | 127 084                           | 245 867                            | 5 817                                |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....                       | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....                       | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>New Castle, PA Micropolitan Statistical Area—Con.</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332   | Fabricated metal product manufacturing .....                                | 1  | '54                             | '19                       | '1 388              | '49 337           | '1 094              | '2 263        | '34 511         | '114 654              | '103 313                          | '218 406                           | '5 682                               |
| 3321  | Forging and stamping.....   | —  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33211   | Forging and stamping.....   | —  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332111  | Iron and steel forging .....  | —  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323  | Architectural and structural metals manufacturing .....                     | '— | '16                             | '7                        | '433                | '12 708           | '327                | '660          | '7 215          | '24 736               | '27 840                           | '52 782                            | '3 114                               |
| 33231   | Plate work and fabricated structural product manufacturing .....            | '1 | '10                             | '4                        | '296                | '7 524            | '247                | '520          | '5 184          | '12 587               | '10 332                           | '23 278                            | D                                    |
| 3327  | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 6  | 22                              | 5                         | 282                 | 10 140            | 230                 | 487           | 7 681           | 20 197                | 7 710                             | 27 970                             | 495                                  |
| 33271   | Machine shops .....   | 6  | 18                              | 5                         | 257                 | 9 064             | 213                 | 449           | 6 948           | 18 011                | 6 353                             | 24 431                             | 415                                  |
| 332710  | Machine shops .....   | 6  | 18                              | 5                         | 257                 | 9 064             | 213                 | 449           | 6 948           | 18 011                | 6 353                             | 24 431                             | 415                                  |
| 333   | Machinery manufacturing .....   | 3  | 19                              | 4                         | 308                 | 12 086            | 191                 | 400           | 6 131           | 21 851                | 11 665                            | 33 519                             | 1 346                                |
| 335   | Electrical equipment, appliance, and component manufacturing.....           | —  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>Pittsburgh, PA Metropolitan Statistical Area</b>             |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 1  | 2 967                           | 958                       | 107 837             | 4 282 574         | 73 276              | 144 654       | 2 488 168       | '11 856 787           | 12 834 670                        | '24 685 226                        | 589 838                              |
| 311   | Food manufacturing .....  | 2  | 210                             | 51                        | 4 579               | 129 698           | 2 887               | 5 182         | 71 406          | 531 997               | 519 786                           | 1 049 421                          | 20 787                               |
| 3113  | Sugar and confectionery product manufacturing .....                         | 2  | 30                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 171                                |
| 31133   | Confectionery manufacturing from purchased chocolate .....                  | 3  | 22                              | 4                         | 394                 | 8 415             | 280                 | 411           | 4 246           | 25 214                | 15 218                            | 40 112                             | 893                                  |
| 311330  | Confectionery manufacturing from purchased chocolate .....                  | 3  | 22                              | 4                         | 394                 | 8 415             | 280                 | 411           | 4 246           | 25 214                | 15 218                            | 40 112                             | 893                                  |
| 3114  | Fruit and vegetable preserving and specialty food manufacturing .....       | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142   | Fruit and vegetable canning, pickling, and drying .....                     | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311422  | Specialty canning .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115  | Dairy product manufacturing .....   | 1  | 11                              | 10                        | 962                 | 33 146            | 457                 | 960           | 12 816          | 161 411               | 202 231                           | 363 999                            | 10 520                               |
| 31151   | Dairy product (except frozen) manufacturing .....                           | —  | 10                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311511  | Fluid milk manufacturing .....  | —  | 6                               | 6                         | 723                 | 27 344            | 302                 | 643           | 10 113          | 111 260               | 141 587                           | 253 004                            | 7 767                                |
| 3116  | Animal slaughtering and processing .....                                    | 5  | 25                              | 4                         | 405                 | 11 931            | 284                 | 614           | 7 091           | 26 158                | 54 598                            | 80 772                             | 1 782                                |
| 31161   | Animal slaughtering and processing .....                                    | 5  | 25                              | 4                         | 405                 | 11 931            | 284                 | 614           | 7 091           | 26 158                | 54 598                            | 80 772                             | 1 782                                |
| 311612  | Meat processed from carcasses .....   | 4  | 11                              | 4                         | 342                 | 10 334            | 231                 | 498           | 5 799           | 23 484                | 39 778                            | 63 278                             | 1 454                                |
| 3118  | Bakeries and tortilla manufacturing .....                                   | 5  | 115                             | 22                        | 1 656               | 39 990            | 936                 | 1 571         | 22 676          | 147 983               | 60 397                            | 208 247                            | 4 653                                |
| 31181   | Bread and bakery product manufacturing .....                                | 2  | 107                             | 18                        | 1 328               | 28 332            | 674                 | 1 059         | 13 893          | 77 304                | 37 570                            | 114 854                            | D                                    |
| 311811  | Retail bakeries .....   | 3  | 81                              | 11                        | 818                 | 11 814            | 401                 | 514           | 6 052           | 19 814                | 10 058                            | 30 063                             | 810                                  |
| 311812  | Commercial bakeries .....   | 3  | 23                              | 4                         | 312                 | 10 002            | 156                 | 284           | 5 008           | 21 143                | 6 676                             | 27 818                             | 1 190                                |
| 31182   | Cookie, cracker, and pasta manufacturing .....                              | 9  | 8                               | 4                         | 328                 | 11 658            | 262                 | 512           | 8 783           | 70 679                | 22 827                            | 93 393                             | D                                    |
| 311821  | Cookie and cracker manufacturing .....                                      | 9  | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312   | Beverage and tobacco product manufacturing .....                            | 6  | 17                              | 8                         | 1 043               | 35 326            | 705                 | 1 238         | 21 028          | 194 520               | 135 346                           | 328 901                            | 10 024                               |
| 3121  | Beverage manufacturing .....  | 6  | 17                              | 8                         | 1 043               | 35 326            | 705                 | 1 238         | 21 028          | 194 520               | 135 346                           | 328 901                            | 10 024                               |
| 31211   | Soft drink and ice manufacturing .....                                      | 5  | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111  | Soft drink manufacturing .....  | 1  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31212   | Breweries .....   | 7  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312120  | Breweries .....   | 7  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313   | Textile mills .....   | 1  | 18                              | 6                         | 450                 | 14 817            | 360                 | 685           | 9 946           | 41 934                | 40 488                            | 79 678                             | 2 017                                |
| 3132  | Fabric mills .....  | —  | 9                               | 3                         | 293                 | 9 286             | 226                 | 458           | 5 635           | 23 144                | 27 519                            | 50 678                             | D                                    |
| 314   | Textile product mills .....   | 4  | 47                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3149  | Other textile product mills .....   | 4  | 32                              | 4                         | 250                 | 6 202             | 186                 | 336           | 4 103           | 10 172                | 8 903                             | 19 047                             | 346                                  |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>                            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Pittsburgh, PA Metropolitan Statistical Area—Con.</b>                                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315        | Apparel manufacturing .....  | 1              | 45                              | 7                         | 437                 | 8 778             | 360                 | 689           | 5 922           | 20 314                | 18 945                            | 39 471                             | D                                    |
| 3152       | Cut and sew apparel manufacturing .....  | —              | 34                              | 6                         | 367                 | 7 142             | 301                 | 577           | 4 749           | 18 434                | 17 048                            | 35 570                             | 247                                  |
| 321        | Wood product manufacturing .....   | 2              | 125                             | 23                        | 1 964               | 52 441            | 1 589               | 3 074         | 36 367          | 113 454               | 215 458                           | 329 554                            | 6 550                                |
| 3211       | Sawmills and wood preservation .....   | 2              | 34                              | 4                         | 376                 | 10 096            | 331                 | 675           | 7 951           | 25 349                | 66 188                            | 93 066                             | 2 795                                |
| 32111      | Sawmills and wood preservation .....   | 2              | 34                              | 4                         | 376                 | 10 096            | 331                 | 675           | 7 951           | 25 349                | 66 188                            | 93 066                             | 2 795                                |
| 321113     | Sawmills .....   | 4              | 31                              | 4                         | 343                 | 8 982             | 314                 | 635           | 7 471           | 21 527                | 37 085                            | 59 418                             | D                                    |
| 3212       | Veneer, plywood, and engineered wood product manufacturing .....                           | 5              | 7                               | 4                         | 404                 | 10 827            | 331                 | 658           | 7 281           | 17 635                | 22 070                            | 39 762                             | D                                    |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....                           | 5              | 7                               | 4                         | 404                 | 10 827            | 331                 | 658           | 7 281           | 17 635                | 22 070                            | 39 762                             | D                                    |
| 321211     | Hardwood veneer and plywood manufacturing .....  | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....   | 1              | 84                              | 15                        | 1 184               | 31 518            | 927                 | 1 741         | 21 135          | 70 470                | 127 200                           | 196 726                            | D                                    |
| 32191      | Millwork .....   | 2              | 41                              | 9                         | 630                 | 16 125            | 513                 | 994           | 11 283          | 29 739                | 79 995                            | 109 098                            | 2 452                                |
| 321912     | Cut stock, resawing lumber, and planing .....  | —              | 8                               | 4                         | 296                 | 7 133             | 246                 | 479           | 5 427           | 14 291                | 58 672                            | 72 295                             | 1 580                                |
| 32199      | All other wood product manufacturing .....   | —              | 21                              | 3                         | 351                 | 10 838            | 252                 | 472           | 6 519           | 31 948                | 36 744                            | 68 421                             | 504                                  |
| 322        | Paper manufacturing .....  | —              | 30                              | 20                        | 2 516               | 85 585            | 1 959               | 4 062         | 56 949          | 261 362               | 341 363                           | 600 653                            | 18 816                               |
| 3222       | Converted paper product manufacturing .....  | —              | 30                              | 20                        | 2 516               | 85 585            | 1 959               | 4 062         | 56 949          | 261 362               | 341 363                           | 600 653                            | 18 816                               |
| 32221      | Paperboard container manufacturing .....   | —              | 21                              | 16                        | 1 372               | 50 529            | 1 023               | 2 189         | 29 574          | 130 237               | 181 517                           | 312 506                            | 9 394                                |
| 322211     | Corrugated and solid fiber box manufacturing .....   | —              | 18                              | 14                        | 1 262               | 47 340            | 931                 | 1 984         | 27 508          | 124 433               | 176 445                           | 301 606                            | D                                    |
| 32223      | Stationery product manufacturing .....   | —              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322232     | Envelope manufacturing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229      | Other converted paper product manufacturing .....  | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291     | Sanitary paper product manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....  | 1              | 323                             | 67                        | 5 237               | 163 952           | 3 853               | 7 000         | 102 838         | 371 739               | 220 045                           | 592 866                            | 28 526                               |
| 3231       | Printing and related support activities .....  | 1              | 323                             | 67                        | 5 237               | 163 952           | 3 853               | 7 000         | 102 838         | 371 739               | 220 045                           | 592 866                            | 28 526                               |
| 32311      | Printing .....   | 1              | 306                             | 62                        | 4 892               | 152 403           | 3 597               | 6 469         | 95 023          | 355 858               | 214 416                           | 569 457                            | 27 297                               |
| 323110     | Commercial lithographic printing .....   | 1              | 148                             | 33                        | 2 546               | 88 288            | 1 863               | 3 278         | 54 423          | 186 394               | 119 102                           | 304 647                            | 17 849                               |
| 323113     | Commercial screen printing .....   | —              | 43                              | 10                        | 842                 | 20 658            | 599                 | 1 091         | 10 257          | 39 569                | 29 092                            | 68 837                             | 4 388                                |
| 323114     | Quick printing .....   | 3              | 68                              | 5                         | 320                 | 8 622             | 229                 | 372           | 5 402           | 18 730                | 6 285                             | 24 899                             | 676                                  |
| 323116     | Manifold business forms printing .....   | 2              | 10                              | 7                         | 700                 | 20 866            | 566                 | 1 080         | 15 973          | 81 883                | 42 715                            | 124 648                            | 1 793                                |
| 32312      | Support activities for printing .....  | —              | 17                              | 5                         | 345                 | 11 549            | 256                 | 531           | 7 815           | 15 881                | 5 629                             | 23 409                             | 1 229                                |
| 324        | Petroleum and coal products manufacturing .....  | —              | 30                              | 8                         | 1 105               | 50 707            | 812                 | 1 648         | 33 391          | 254 192               | 393 712                           | 656 390                            | 8 784                                |
| 3241       | Petroleum and coal products manufacturing .....  | —              | 30                              | 8                         | 1 105               | 50 707            | 812                 | 1 648         | 33 391          | 254 192               | 393 712                           | 656 390                            | 8 784                                |
| 32411      | Petroleum refineries .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110     | Petroleum refineries .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32419      | Other petroleum and coal products manufacturing .....                                      | —              | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 380                                |
| 324191     | Petroleum lubricating oil and grease manufacturing .....                                   | —              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....   | 3              | 126                             | 53                        | 5 159               | 246 826           | 3 209               | 6 407         | 136 816         | 944 750               | 1 153 661                         | 2 122 296                          | 49 498                               |
| 3251       | Basic chemical manufacturing .....   | —              | 23                              | 10                        | 1 142               | 60 979            | 735                 | 1 422         | 36 665          | 223 945               | 207 644                           | 446 390                            | 12 243                               |
| 32513      | Synthetic dye and pigment manufacturing .....  | —              | 5                               | 3                         | 410                 | 19 759            | 227                 | 434           | 9 432           | 51 755                | 36 060                            | 88 828                             | 2 395                                |
| 325131     | Inorganic dye and pigment manufacturing .....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519      | Other basic organic chemical manufacturing .....   | —              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325192     | Cyclic crude and intermediate manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3252       | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | 4              | 10                              | 8                         | 1 309               | 66 833            | 860                 | 1 815         | 42 261          | 264 744               | 412 028                           | 683 046                            | 10 896                               |
| 32521      | Resin and synthetic rubber manufacturing .....   | 4              | 10                              | 8                         | 1 309               | 66 833            | 860                 | 1 815         | 42 261          | 264 744               | 412 028                           | 683 046                            | 10 896                               |
| 325211     | Plastics material and resin manufacturing .....  | 5              | 9                               | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Pittsburgh, PA Metropolitan Statistical Area—Con.</b>                        |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325        | Chemical manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3254       | Pharmaceutical and medicine manufacturing .....                                 | 9              | 9                               | 3                         | 258                 | 11 538            | 150                 | 302           | 5 282           | 65 114                | 23 885                            | 85 034                             | 5 276                                |
| 32541      | Pharmaceutical and medicine manufacturing .....                                 | 9              | 9                               | 3                         | 258                 | 11 538            | 150                 | 302           | 5 282           | 65 114                | 23 885                            | 85 034                             | 5 276                                |
| 3255       | Paint, coating, and adhesive manufacturing .....                                | 1              | 23                              | 8                         | 958                 | 51 568            | 457                 | 954           | 20 234          | 148 363               | 222 526                           | 369 006                            | 7 605                                |
| 32551      | Paint and coating manufacturing .....   | 1              | 20                              | 8                         | 942                 | 50 840            | 447                 | 935           | 19 829          | 146 603               | 220 870                           | 365 604                            | 7 560                                |
| 325510     | Paint and coating manufacturing .....   | 1              | 20                              | 8                         | 942                 | 50 840            | 447                 | 935           | 19 829          | 146 603               | 220 870                           | 365 604                            | 7 560                                |
| 3256       | Soap, cleaning compound, and toilet preparation manufacturing ..                | —              | 20                              | 8                         | 539                 | 18 948            | 341                 | 665           | 10 983          | 59 000                | 57 141                            | 116 118                            | D                                    |
| 32561      | Soap and cleaning compound manufacturing .....                                  | —              | 17                              | 8                         | 533                 | 18 732            | 336                 | 657           | 10 860          | 57 721                | 56 624                            | 114 322                            | D                                    |
| 325611     | Soap and other detergent manufacturing .....                                    | —              | 11                              | 5                         | 341                 | 13 314            | 196                 | 385           | 7 318           | 40 133                | 42 588                            | 82 878                             | D                                    |
| 3259       | Other chemical product and preparation manufacturing .....                      | 5              | 38                              | 14                        | 852                 | 32 279            | 593                 | 1 155         | 18 487          | 180 591               | 216 449                           | 396 288                            | 8 977                                |
| 32599      | All other chemical product and preparation manufacturing ...                    | 5              | 36                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325991     | Custom compounding of purchased resins .....                                    | 5              | 8                               | 6                         | 342                 | 13 712            | 233                 | 470           | 7 656           | 71 839                | 142 404                           | 213 345                            | D                                    |
| 325998     | All other miscellaneous chemical product and preparation manufacturing ..       | 5              | 21                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 518                                |
| 326        | Plastics and rubber products manufacturing .....                                | 1              | '108                            | '66                       | '5 701              | '180 576          | '4 151              | '8 364        | '106 067        | '467 811              | '393 295                          | '859 160                           | 43 879                               |
| 3261       | Plastics product manufacturing ..   | 1              | '87                             | '58                       | '5 233              | '166 605          | '3 824              | '7 705        | '97 613         | '440 261              | '362 144                          | '800 103                           | 42 935                               |
| 32611      | Plastics packaging materials and unlaminated film and sheet manufacturing ..... | 1              | 9                               | 4                         | 413                 | 15 746            | 302                 | 626           | 10 435          | 39 423                | 42 113                            | 80 552                             | 2 889                                |
| 326113     | Unlaminated plastics film and sheet (except packaging) manufacturing .....      | 1              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32612      | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....  | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326121     | Unlaminated plastics profile shape manufacturing .....                          | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619      | Other plastics product manufacturing .....                                      | 1              | '65                             | '44                       | '4 157              | '130 984          | '2 949              | '5 792        | '71 082         | '362 419              | '253 957                          | '614 323                           | 33 251                               |
| 326199     | All other plastics product manufacturing .....                                  | 1              | '63                             | '43                       | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...  | 4              | 21                              | 8                         | 468                 | 13 971            | 327                 | 659           | 8 454           | 27 550                | 31 151                            | 59 057                             | 944                                  |
| 32629      | Other rubber product manufacturing .....  | 5              | 9                               | 6                         | 356                 | 10 445            | 260                 | 521           | 6 542           | 19 570                | 20 432                            | 40 541                             | 700                                  |
| 326299     | All other rubber product manufacturing .....                                    | 5              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....                                 | 1              | 196                             | 70                        | 7 681               | 288 187           | 5 934               | 12 101        | 198 449         | 816 279               | 505 745                           | 1 324 111                          | 44 773                               |
| 3271       | Clay product and refractory manufacturing .....                                 | 1              | '32                             | '17                       | '1 727              | '63 811           | '1 234              | '2 641        | '37 831         | '148 013              | '87 199                           | '230 664                           | D                                    |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing .....                     | —              | '13                             | '8                        | '1 133              | '39 319           | '807                | '1 760        | '22 409         | '90 889               | '44 882                           | '133 551                           | '3 409                               |
| 327111     | Vitreous china and earthenware plumbing fixture and accessories mfg .....       | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327113     | Porcelain electrical supply manufacturing .....                                 | —              | 6                               | 4                         | 468                 | 15 747            | 345                 | 741           | 9 370           | 32 902                | 9 937                             | 41 417                             | 3 165                                |
| 32712      | Clay building material and refractories manufacturing ....                      | 2              | 19                              | 9                         | 594                 | 24 492            | 427                 | 881           | 15 422          | 57 124                | 42 317                            | 97 113                             | D                                    |
| 327125     | Nonclay refractory manufacturing .....  | 3              | 8                               | 4                         | 279                 | 12 761            | 193                 | 424           | 7 477           | 26 499                | 24 015                            | 52 037                             | 930                                  |
| 3272       | Glass and glass product manufacturing .....                                     | 1              | 36                              | 19                        | 3 580               | 130 155           | 3 019               | 6 097         | 103 358         | 346 217               | 193 406                           | 548 520                            | 14 815                               |
| 32721      | Glass and glass product manufacturing .....                                     | 1              | 36                              | 19                        | 3 580               | 130 155           | 3 019               | 6 097         | 103 358         | 346 217               | 193 406                           | 548 520                            | 14 815                               |
| 327212     | Other pressed and blown glass and glassware manufacturing .....                 | 2              | 12                              | 7                         | 1 835               | 62 715            | 1 544               | 3 071         | 50 187          | 152 620               | 52 487                            | 216 028                            | 7 633                                |
| 327213     | Glass container manufacturing .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215     | Glass product manufacturing made of purchased glass ..                          | 2              | 21                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Pittsburgh, PA Metropolitan Statistical Area—Con.</b>        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327   | Nonmetallic mineral product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3273  | Cement and concrete product manufacturing .....   | 3              | '86                             | '21                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | '18 180                              |
| 32732   | Ready-mix concrete manufacturing .....  | 4              | 35                              | 7                         | 442                 | 15 686            | 352                 | 671           | 11 264          | 58 585                | 59 181                            | 115 745                            | 3 950                                |
| 327320  | Ready-mix concrete manufacturing .....  | 4              | 35                              | 7                         | 442                 | 15 686            | 352                 | 671           | 11 264          | 58 585                | 59 181                            | 115 745                            | 3 950                                |
| 32733   | Concrete pipe, brick, and block manufacturing .....   | 1              | 17                              | 6                         | 314                 | 10 797            | 221                 | 471           | 6 657           | 25 513                | 29 100                            | 55 095                             | 7 461                                |
| 327331  | Concrete block and brick manufacturing .....  | 1              | 15                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32739   | Other concrete product manufacturing .....  | '1             | '29                             | '5                        | '314                | '10 650           | '179                | '351          | '5 193          | '20 829               | '9 305                            | '30 108                            | '5 110                               |
| 327390  | Other concrete product manufacturing .....  | '1             | '29                             | '5                        | '314                | '10 650           | '179                | '351          | '5 193          | '20 829               | '9 305                            | '30 108                            | '5 110                               |
| 3279  | Other nonmetallic mineral product manufacturing .....   | —              | 39                              | 11                        | 1 001               | 43 167            | 692                 | 1 350         | 24 453          | 140 405               | 70 368                            | 209 783                            | 6 002                                |
| 32791   | Abrasive product manufacturing .....  | 1              | 7                               | 3                         | 260                 | 11 830            | 195                 | 443           | 8 284           | 28 101                | 15 027                            | 42 830                             | 1 111                                |
| 327910  | Abrasive product manufacturing .....  | 1              | 7                               | 3                         | 260                 | 11 830            | 195                 | 443           | 8 284           | 28 101                | 15 027                            | 42 830                             | 1 111                                |
| 32799   | All other nonmetallic mineral product manufacturing .....   | —              | 32                              | 8                         | 741                 | 31 337            | 497                 | 907           | 16 169          | 112 304               | 55 341                            | 166 953                            | 4 891                                |
| 331   | Primary metal manufacturing .....   | —              | '128                            | '81                       | '18 947             | '905 988          | '14 158             | '28 680       | '653 545        | '2 844 587            | '3 345 748                        | '6 212 463                         | '99 148                              |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....   | —              | 26                              | 22                        | 12 151              | 618 966           | 9 342               | 18 752        | 460 610         | 2 215 332             | 2 401 360                         | 4 614 696                          | 61 046                               |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....   | —              | 26                              | 22                        | 12 151              | 618 966           | 9 342               | 18 752        | 460 610         | 2 215 332             | 2 401 360                         | 4 614 696                          | 61 046                               |
| 331111  | Iron and steel mills .....  | —              | 26                              | 22                        | 12 151              | 618 966           | 9 342               | 18 752        | 460 610         | 2 215 332             | 2 401 360                         | 4 614 696                          | 61 046                               |
| 3312  | Steel product manufacturing from purchased steel .....  | —              | '21                             | '17                       | '2 046              | '93 206           | '1 565              | '3 243        | '72 406         | '167 131              | '497 988                          | '680 551                           | '15 404                              |
| 33121   | Iron and steel pipe and tube manufacturing from purchased steel .....                             | —              | 4                               | 4                         | 274                 | 10 995            | 227                 | 492           | 9 058           | 7 885                 | 37 160                            | 51 794                             | D                                    |
| 331210  | Iron and steel pipe and tube manufacturing from purchased steel .....                             | —              | 4                               | 4                         | 274                 | 10 995            | 227                 | 492           | 9 058           | 7 885                 | 37 160                            | 51 794                             | D                                    |
| 33122   | Rolling and drawing of purchased steel .....  | —              | '17                             | '13                       | '1 772              | '82 211           | '1 338              | '2 751        | '63 348         | '159 246              | '460 828                          | '628 757                           | D                                    |
| 331221  | Rolled steel shape manufacturing .....  | —              | '11                             | '10                       | '1 538              | '74 118           | '1 146              | '2 314        | '57 904         | '132 342              | '430 948                          | '572 412                           | D                                    |
| 3314  | Nonferrous metal (except aluminum) production and processing .....                                | —              | 36                              | 20                        | 2 313               | 107 251           | 1 518               | 3 137         | 63 712          | 289 800               | 318 493                           | 616 858                            | 13 452                               |
| 33141   | Nonferrous metal (except aluminum) smelting and refining .....                                    | —              | 5                               | 4                         | 1 004               | 44 790            | 684                 | 1 355         | 28 471          | 93 589                | 130 957                           | 225 477                            | D                                    |
| 331419  | Primary smelting and refining of nonferrous metal (except copper and aluminum) .....              | —              | 5                               | 4                         | 1 004               | 44 790            | 684                 | 1 355         | 28 471          | 93 589                | 130 957                           | 225 477                            | D                                    |
| 33142   | Copper rolling, drawing, extruding, and alloying .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331421  | Copper rolling, drawing, and extruding .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149   | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | 2              | 28                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 9 466                                |
| 331491  | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....               | 1              | 16                              | 8                         | 586                 | 27 778            | 379                 | 839           | 15 517          | 66 517                | 69 640                            | 137 772                            | 7 704                                |
| 331492  | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | 2              | 12                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 762                                |
| 3315  | Foundries .....   | 2              | 44                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151   | Ferrous metal foundries .....   | 4              | 22                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331511  | Iron foundries .....  | 7              | 9                               | 4                         | 487                 | 18 855            | 362                 | 764           | 12 707          | 30 862                | 40 510                            | 70 868                             | 1 329                                |
| 331513  | Steel foundries (except investment) .....   | 1              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152   | Nonferrous metal foundries .....  | 1              | 22                              | 12                        | 1 450               | 48 866            | 995                 | 2 044         | 31 872          | 105 086               | 48 658                            | 152 647                            | 6 373                                |
| 331522  | Nonferrous (except aluminum) die-casting foundries .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331524  | Aluminum foundries (except die-casting) .....   | —              | 6                               | 4                         | 546                 | 15 425            | 418                 | 858           | 11 722          | 40 850                | 15 570                            | 55 544                             | D                                    |

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|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>                                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Pittsburgh, PA Metropolitan Statistical Area—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing .....  | 1              | 663                             | 226                       | '16 471             | '576 821          | '12 200             | '23 997       | '356 229        | '1 318 221            | '1 356 908                        | '2 667 465                         | '86 458                              |
| 3321       | Forging and stamping.....   | —              | 36                              | 25                        | 2 379               | 81 892            | 1 811               | 3 617         | 49 718          | 186 217               | 142 713                           | 331 608                            | 7 772                                |
| 33211      | Forging and stamping.....   | —              | 36                              | 25                        | 2 379               | 81 892            | 1 811               | 3 617         | 49 718          | 186 217               | 142 713                           | 331 608                            | 7 772                                |
| 332116     | Metal stamping .....  | —              | 18                              | 12                        | 1 442               | 47 376            | 1 152               | 2 378         | 28 245          | 94 339                | 54 274                            | 150 453                            | 5 000                                |
| 332117     | Powder metallurgy part manufacturing .....  | —              | 6                               | 4                         | 326                 | 11 963            | 192                 | 418           | 6 794           | 22 057                | 22 508                            | 45 298                             | 294                                  |
| 3322       | Cutlery and handtool manufacturing .....  | 1              | '14                             | '7                        | '576                | '17 122           | '453                | '854          | '10 624         | '88 130               | '70 000                           | '153 394                           | '1 176                               |
| 33221      | Cutlery and handtool manufacturing .....  | 1              | '14                             | '7                        | '576                | '17 122           | '453                | '854          | '10 624         | '88 130               | '70 000                           | '153 394                           | '1 176                               |
| 332214     | Kitchen utensil, pot, and pan manufacturing .....   | —              | '3                              | '2                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323       | Architectural and structural metals manufacturing .....   | 2              | '147                            | '56                       | '4 771              | '167 323          | '3 382              | '6 563        | '96 360         | '335 138              | '427 511                          | '764 484                           | '32 328                              |
| 33231      | Plate work and fabricated structural product manufacturing .....                                  | 4              | '72                             | '29                       | '1 886              | '69 061           | '1 362              | '2 847        | '40 858         | '105 269              | '181 352                          | '286 360                           | '6 349                               |
| 332312     | Fabricated structural metal manufacturing .....   | 3              | 49                              | 21                        | 1 185               | 45 299            | 848                 | 1 780         | 26 316          | 86 280                | 102 650                           | 189 704                            | 3 607                                |
| 332313     | Plate work manufacturing .....  | 9              | '17                             | '5                        | '513                | '18 524           | '381                | '787          | '11 773         | '2 836                | '59 921                           | '62 123                            | D                                    |
| 33232      | Ornamental and architectural metal products manufacturing .....                                   | —              | 75                              | 27                        | 2 885               | 98 262            | 2 020               | 3 716         | 55 502          | 229 869               | 246 159                           | 478 124                            | 25 979                               |
| 332321     | Metal window and door manufacturing .....   | —              | 15                              | 9                         | 1 607               | 53 009            | 1 099               | 1 862         | 28 632          | 107 535               | 138 760                           | 249 216                            | 3 889                                |
| 332322     | Sheet metal work manufacturing .....  | 1              | 35                              | 13                        | 904                 | 32 788            | 653                 | 1 309         | 19 648          | 93 045                | 74 571                            | 167 374                            | 20 798                               |
| 332323     | Ornamental and architectural metal work manufacturing ..  | 1              | 25                              | 5                         | 374                 | 12 465            | 268                 | 545           | 7 222           | 29 289                | 32 828                            | 61 534                             | 1 292                                |
| 3324       | Boiler, tank, and shipping container manufacturing .....  | 1              | '21                             | '15                       | '959                | '33 244           | '725                | '1 635        | '20 123         | '78 321               | '35 923                           | '112 512                           | '5 739                               |
| 33242      | Metal tank (heavy gauge) manufacturing .....  | —              | '12                             | '10                       | '690                | '23 412           | '548                | '1 245        | '16 071         | '49 561               | '23 222                           | '71 230                            | '5 279                               |
| 332420     | Metal tank (heavy gauge) manufacturing .....  | —              | '12                             | '10                       | '690                | '23 412           | '548                | '1 245        | '16 071         | '49 561               | '23 222                           | '71 230                            | '5 279                               |
| 3326       | Spring and wire product manufacturing .....   | 1              | 29                              | 10                        | 707                 | 23 791            | 502                 | 1 091         | 13 563          | 58 647                | 54 636                            | 113 230                            | 3 702                                |
| 33261      | Spring and wire product manufacturing .....   | 1              | 29                              | 10                        | 707                 | 23 791            | 502                 | 1 091         | 13 563          | 58 647                | 54 636                            | 113 230                            | 3 702                                |
| 332618     | Other fabricated wire product manufacturing .....   | 2              | 22                              | 6                         | 447                 | 16 284            | 323                 | 693           | 9 160           | 38 244                | 40 665                            | 79 516                             | 2 987                                |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                       | 2              | '277                            | '66                       | '4 098              | '140 494          | '3 089              | '5 698        | '93 620         | '253 833              | '116 275                          | '371 222                           | 21 900                               |
| 33271      | Machine shops .....   | 2              | '239                            | '52                       | '3 019              | '104 290          | '2 214              | '4 133        | '68 725         | '181 391              | '76 732                           | '255 988                           | 13 690                               |
| 332710     | Machine shops .....   | 2              | '239                            | '52                       | '3 019              | '104 290          | '2 214              | '4 133        | '68 725         | '181 391              | '76 732                           | '255 988                           | 13 690                               |
| 33272      | Turned product and screw, nut, and bolt manufacturing .....                                       | 3              | 38                              | 14                        | 1 079               | 36 204            | 875                 | 1 565         | 24 895          | 72 442                | 39 543                            | 115 234                            | 8 210                                |
| 332721     | Precision turned product manufacturing .....  | 3              | 29                              | 12                        | 897                 | 28 889            | 742                 | 1 265         | 20 357          | 62 295                | 32 824                            | 95 389                             | 7 365                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                    | —              | 54                              | 22                        | 1 098               | 42 355            | 850                 | 1 740         | 29 990          | 153 993               | 406 130                           | 552 863                            | 6 827                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..                                       | —              | 54                              | 22                        | 1 098               | 42 355            | 850                 | 1 740         | 29 990          | 153 993               | 406 130                           | 552 863                            | 6 827                                |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers .. | —              | 24                              | 11                        | 595                 | 25 766            | 451                 | 1 010         | 18 972          | 112 388               | 383 457                           | 488 556                            | 2 477                                |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                 | 2              | 19                              | 7                         | 322                 | 10 532            | 257                 | 459           | 6 892           | 24 657                | 10 368                            | 34 938                             | 2 178                                |
| 3329       | Other fabricated metal product manufacturing .....  | 2              | 79                              | 22                        | 1 741               | 65 648            | 1 281               | 2 587         | 38 862          | 151 157               | 97 178                            | 248 856                            | 6 737                                |
| 33291      | Metal valve manufacturing ....  | 2              | 14                              | 6                         | 539                 | 20 031            | 396                 | 731           | 12 112          | 45 267                | 30 921                            | 76 864                             | 942                                  |
| 332911     | Industrial valve manufacturing .....  | 1              | 10                              | 5                         | 453                 | 17 803            | 320                 | 580           | 10 387          | 39 701                | 27 053                            | 68 560                             | 790                                  |
| 33299      | All other fabricated metal product manufacturing .....  | 2              | 65                              | 16                        | 1 202               | 45 617            | 885                 | 1 856         | 26 750          | 105 890               | 66 257                            | 171 992                            | 5 795                                |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                              | 1              | 49                              | 12                        | 993                 | 38 360            | 727                 | 1 552         | 22 155          | 90 095                | 62 283                            | 151 704                            | 4 973                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>                                    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Pittsburgh, PA Metropolitan Statistical Area—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing .....  | 1              | 261                             | 101                       | 11 045              | 475 623           | 6 342               | 12 193        | 230 561         | 990 489               | 827 843                           | 1 775 337                          | 45 196                               |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....                                | 2              | 16                              | 3                         | 259                 | 10 045            | 203                 | 390           | 6 988           | 31 283                | 53 387                            | 91 609                             | 1 079                                |
| 3332       | Industrial machinery manufacturing .....   | 3              | 36                              | 13                        | 1 085               | 47 063            | 601                 | 1 226         | 19 291          | 106 499               | 91 861                            | 199 761                            | 5 729                                |
| 33329      | Other industrial machinery manufacturing .....   | 4              | 32                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333298     | All other industrial machinery manufacturing .....   | 1              | 18                              | 5                         | 361                 | 14 151            | 199                 | 414           | 6 182           | 31 306                | 16 455                            | 46 867                             | 1 418                                |
| 3333       | Commercial and service industry machinery manufacturing .....                                      | —              | 18                              | 7                         | 1 264               | 55 960            | 640                 | 1 372         | 26 904          | 125 377               | 164 823                           | 280 825                            | 10 651                               |
| 33331      | Commercial and service industry machinery manufacturing .....                                      | —              | 18                              | 7                         | 1 264               | 55 960            | 640                 | 1 372         | 26 904          | 125 377               | 164 823                           | 280 825                            | 10 651                               |
| 333314     | Optical instrument and lens manufacturing .....  | —              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333319     | Other commercial and service industry machinery manufacturing .....                                | 1              | 10                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 2              | 12                              | 5                         | 421                 | 18 857            | 243                 | 488           | 8 639           | 40 106                | 22 709                            | 63 099                             | 582                                  |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 2              | 12                              | 5                         | 421                 | 18 857            | 243                 | 488           | 8 639           | 40 106                | 22 709                            | 63 099                             | 582                                  |
| 3335       | Metalworking machinery manufacturing .....   | 2              | 112                             | 36                        | 3 667               | 154 374           | 2 554               | 5 091         | 100 053         | 326 594               | 171 029                           | 503 399                            | 16 085                               |
| 33351      | Metalworking machinery manufacturing .....   | 2              | 112                             | 36                        | 3 667               | 154 374           | 2 554               | 5 091         | 100 053         | 326 594               | 171 029                           | 503 399                            | 16 085                               |
| 333511     | Industrial mold manufacturing .....  | —              | 14                              | 7                         | 727                 | 30 178            | 557                 | 1 106         | 23 018          | 69 681                | 35 470                            | 106 481                            | 6 591                                |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....                                | —              | 59                              | 16                        | 1 533               | 62 211            | 1 169               | 2 397         | 44 920          | 110 378               | 39 081                            | 152 293                            | 3 963                                |
| 333515     | Cutting tool and machine tool accessory manufacturing .....  | 1              | 24                              | 6                         | 693                 | 27 153            | 453                 | 823           | 16 629          | 61 783                | 28 350                            | 89 578                             | 1 974                                |
| 333516     | Rolling mill machinery and equipment manufacturing .....   | 4              | 9                               | 4                         | 367                 | 19 258            | 190                 | 398           | 8 322           | 57 967                | 59 807                            | 117 260                            | 3 087                                |
| 3339       | Other general purpose machinery manufacturing .....  | 1              | 62                              | 34                        | 4 228               | 183 631           | 2 013               | 3 441         | 64 972          | 349 766               | 316 969                           | 618 691                            | 10 757                               |
| 33391      | Pump and compressor manufacturing .....  | —              | 6                               | 4                         | 1 683               | 86 470            | 767                 | 1 063         | 25 262          | 105 345               | 186 097                           | 237 845                            | D                                    |
| 333911     | Pump and pumping equipment manufacturing .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333912     | Air and gas compressor manufacturing .....   | —              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392      | Material handling equipment manufacturing .....  | 1              | 12                              | 5                         | 289                 | 13 078            | 215                 | 460           | 9 359           | 27 094                | 19 248                            | 42 233                             | D                                    |
| 33399      | All other general purpose machinery manufacturing .....  | 2              | 44                              | 25                        | 2 256               | 84 083            | 1 031               | 1 918         | 30 351          | 217 327               | 111 624                           | 338 613                            | 5 296                                |
| 333993     | Packaging machinery manufacturing .....  | —              | 4                               | 3                         | 773                 | 30 820            | 146                 | 178           | 4 512           | 103 834               | 12 430                            | 123 821                            | D                                    |
| 333994     | Industrial process furnace and oven manufacturing .....  | 2              | 8                               | 6                         | 371                 | 15 338            | 254                 | 561           | 8 545           | 22 669                | 27 303                            | 50 119                             | 493                                  |
| 333999     | All other miscellaneous general purpose machinery manufacturing .....                              | 3              | 27                              | 12                        | 895                 | 30 041            | 511                 | 923           | 14 114          | 75 728                | 63 646                            | 141 319                            | 2 714                                |
| 334        | Computer and electronic product manufacturing .....  | —              | 135                             | 53                        | 10 119              | 459 981           | 5 097               | 11 193        | 158 853         | 1 183 869             | 1 776 378                         | 2 936 636                          | 58 820                               |
| 3341       | Computer and peripheral equipment manufacturing .....  | 3              | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33411      | Computer and peripheral equipment manufacturing .....  | 3              | 13                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3343       | Audio and video equipment manufacturing .....  | —              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33431      | Audio and video equipment manufacturing .....  | —              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334310     | Audio and video equipment manufacturing .....  | —              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Pittsburgh, PA Metropolitan Statistical Area—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334        | Computer and electronic product manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3344       | Semiconductor and other electronic component manufacturing .....   | 1  | 41                              | 18                        | 2 087               | 63 662            | 1 250               | 2 561         | 35 845          | 127 792               | 105 211                           | 235 288                            | 4 604                                |
| 33441      | Semiconductor and other electronic component manufacturing .....   | 1  | 41                              | 18                        | 2 087               | 63 662            | 1 250               | 2 561         | 35 845          | 127 792               | 105 211                           | 235 288                            | 4 604                                |
| 334412     | Bare printed circuit board manufacturing .....   | 1  | 5                               | 2                         | 299                 | 9 973             | 243                 | 521           | 6 488           | 13 018                | 5 024                             | 18 070                             | D                                    |
| 334413     | Semiconductor and related device manufacturing .....   | —  | 11                              | 5                         | 839                 | 20 706            | 338                 | 649           | 10 515          | 52 433                | 66 266                            | 119 691                            | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....   | —  | 6                               | 4                         | 326                 | 11 032            | 244                 | 566           | 6 890           | 33 432                | 20 857                            | 53 641                             | 1 270                                |
| 334419     | Other electronic component manufacturing .....   | 1  | 12                              | 3                         | 472                 | 17 178            | 307                 | 595           | 8 713           | 20 318                | 8 594                             | 30 646                             | 1 462                                |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —  | 58                              | 27                        | 4 920               | 257 280           | 1 942               | 3 457         | 61 757          | 536 311               | 539 894                           | 1 071 493                          | 29 121                               |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —  | 58                              | 27                        | 4 920               | 257 280           | 1 942               | 3 457         | 61 757          | 536 311               | 539 894                           | 1 071 493                          | 29 121                               |
| 334510     | Electromedical and electrotherapeutic apparatus manufacturing .....  | —  | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 421                                |
| 334511     | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | 2  | 3                               | 3                         | 317                 | 13 444            | 161                 | 293           | 4 468           | 26 121                | 5 857                             | 32 791                             | D                                    |
| 334513     | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —  | 17                              | 7                         | 1 269               | 73 305            | 370                 | 539           | 16 432          | 167 277               | 137 031                           | 302 590                            | 5 332                                |
| 334514     | Totalizing fluid meter and counting device manufacturing .....   | —  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334516     | Analytical laboratory instrument manufacturing .....   | —  | 11                              | 5                         | 974                 | 45 566            | 475                 | 837           | 13 058          | 82 595                | 115 059                           | 197 413                            | 8 197                                |
| 334519     | Other measuring and controlling device manufacturing .....   | 3  | 9                               | 4                         | 323                 | 13 141            | 158                 | 322           | 4 891           | 23 838                | 17 068                            | 38 718                             | 656                                  |
| 335        | Electrical equipment, appliance, and component manufacturing .....   | 1  | 66                              | 30                        | 4 386               | 165 294           | 2 695               | 4 835         | 74 152          | 611 558               | 579 398                           | 1 207 735                          | 33 695                               |
| 3353       | Electrical equipment manufacturing .....   | —  | 31                              | 14                        | 2 209               | 92 486            | 1 413               | 2 565         | 40 245          | 302 784               | 386 328                           | 687 482                            | 27 881                               |
| 33531      | Electrical equipment manufacturing .....   | —  | 31                              | 14                        | 2 209               | 92 486            | 1 413               | 2 565         | 40 245          | 302 784               | 386 328                           | 687 482                            | 27 881                               |
| 335311     | Power, distribution, and specialty transformer manufacturing .....   | —  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335313     | Switchgear and switchboard apparatus manufacturing .....   | —  | 8                               | 5                         | 970                 | 37 624            | 712                 | 1 061         | 21 146          | 185 950               | 191 140                           | 380 144                            | D                                    |
| 335314     | Relay and industrial control manufacturing .....   | —  | 15                              | 6                         | 819                 | 39 190            | 401                 | 880           | 9 030           | 77 579                | 158 426                           | 233 562                            | D                                    |
| 3359       | Other electrical equipment and component manufacturing .....   | 2  | 23                              | 14                        | 1 993               | 67 004            | 1 180               | 2 058         | 31 359          | 295 803               | 185 872                           | 500 823                            | 5 532                                |
| 33592      | Communication and energy wire and cable manufacturing .....  | 3  | 5                               | 4                         | 923                 | 34 141            | 413                 | 891           | 12 115          | 85 047                | 138 765                           | 247 904                            | 2 888                                |
| 335929     | Other communication and energy wire manufacturing .....  | 3  | 5                               | 4                         | 923                 | 34 141            | 413                 | 891           | 12 115          | 85 047                | 138 765                           | 247 904                            | 2 888                                |
| 33593      | Wiring device manufacturing .....  | —  | 6                               | 4                         | 436                 | 14 440            | 337                 | 636           | 8 528           | 30 892                | 20 414                            | 50 688                             | 1 545                                |
| 335931     | Current-carrying wiring device manufacturing .....   | —  | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....   | 1  | 12                              | 6                         | 634                 | 18 423            | 430                 | 531           | 10 716          | 179 864               | 26 693                            | 202 231                            | 1 099                                |
| 335999     | All other miscellaneous electrical equipment and component manufacturing .....   | 1  | 10                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....   | 1  | 54                              | 21                        | 4 608               | 233 917           | 2 623               | 5 168         | 119 138         | 501 099               | 554 331                           | 1 049 539                          | 8 595                                |
| 3362       | Motor vehicle body and trailer manufacturing .....   | 2  | 18                              | 5                         | 280                 | 7 686             | 223                 | 457           | 5 253           | 16 174                | 25 638                            | 41 806                             | 412                                  |
| 33621      | Motor vehicle body and trailer manufacturing .....   | 2  | 18                              | 5                         | 280                 | 7 686             | 223                 | 457           | 5 253           | 16 174                | 25 638                            | 41 806                             | 412                                  |

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| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA—Con.</b>               |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Pittsburgh, PA Metropolitan Statistical Area—Con.</b>                      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336        | Transportation equipment manufacturing—Con.                                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3363       | Motor vehicle parts manufacturing .....                                       | 2              | 18                              | 9                         | 1 091               | 58 687            | 910                 | 1 608         | 46 906          | 113 936               | 79 951                            | 197 076                            | 3 944                                |
| 33637      | Motor vehicle metal stamping ..   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336370     | Motor vehicle metal stamping .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365       | Railroad rolling stock manufacturing .....                                    | 1              | 8                               | 4                         | 2 910               | 151 103           | 1 435               | 2 991         | 64 915          | 352 610               | 390 175                           | 733 755                            | 3 236                                |
| 33651      | Railroad rolling stock manufacturing .....                                    | 1              | 8                               | 4                         | 2 910               | 151 103           | 1 435               | 2 991         | 64 915          | 352 610               | 390 175                           | 733 755                            | 3 236                                |
| 336510     | Railroad rolling stock manufacturing .....                                    | 1              | 8                               | 4                         | 2 910               | 151 103           | 1 435               | 2 991         | 64 915          | 352 610               | 390 175                           | 733 755                            | 3 236                                |
| 3366       | Ship and boat building .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33661      | Ship and boat building .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336611     | Ship building and repairing ..  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....                             | 3              | 134                             | 18                        | 1 413               | 40 415            | 1 029               | 2 013         | 24 858          | 80 199                | 58 484                            | 143 901                            | 2 741                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | 4              | 98                              | 9                         | 796                 | 21 645            | 568                 | 1 155         | 13 247          | 47 238                | 30 783                            | 78 909                             | 1 320                                |
| 33711      | Wood kitchen cabinet and countertop manufacturing ....                        | 4              | 67                              | 8                         | 624                 | 16 598            | 438                 | 891           | 10 173          | 37 739                | 24 147                            | 62 807                             | 991                                  |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                          | 4              | 67                              | 8                         | 624                 | 16 598            | 438                 | 891           | 10 173          | 37 739                | 24 147                            | 62 807                             | 991                                  |
| 3372       | Office furniture (including fixtures) manufacturing .....                     | 1              | 28                              | 6                         | 457                 | 15 210            | 348                 | 655           | 9 939           | 22 650                | 20 423                            | 47 470                             | 966                                  |
| 33721      | Office furniture (including fixtures) manufacturing .....                     | 1              | 28                              | 6                         | 457                 | 15 210            | 348                 | 655           | 9 939           | 22 650                | 20 423                            | 47 470                             | 966                                  |
| 339        | Miscellaneous manufacturing .....   | 1              | 249                             | 44                        | 4 639               | 159 769           | 3 064               | 5 704         | 86 794          | 295 508               | 386 543                           | 685 522                            | 20 848                               |
| 3391       | Medical equipment and supplies manufacturing .....                            | —              | 94                              | 18                        | 2 168               | 77 826            | 1 322               | 2 562         | 36 175          | 115 464               | 209 559                           | 326 674                            | 14 481                               |
| 33911      | Medical equipment and supplies manufacturing .....                            | —              | 94                              | 18                        | 2 168               | 77 826            | 1 322               | 2 562         | 36 175          | 115 464               | 209 559                           | 326 674                            | 14 481                               |
| 339112     | Surgical and medical instrument manufacturing ..                              | —              | 11                              | 5                         | 647                 | 19 843            | 460                 | 840           | 10 925          | 34 330                | 16 209                            | 50 493                             | 4 282                                |
| 339113     | Surgical appliance and supplies manufacturing ....                            | —              | 22                              | 6                         | 1 149               | 45 920            | 618                 | 1 271         | 18 786          | 57 601                | 185 281                           | 244 516                            | D                                    |
| 3399       | Other miscellaneous manufacturing .....                                       | 1              | 155                             | 26                        | 2 471               | 81 943            | 1 742               | 3 142         | 50 619          | 180 044               | 176 984                           | 358 848                            | 6 367                                |
| 33994      | Office supplies (except paper) manufacturing .....                            | —              | 12                              | 4                         | 447                 | 14 970            | 297                 | 624           | 8 626           | 28 165                | 54 602                            | 83 551                             | 1 565                                |
| 33995      | Sign manufacturing .....  | 2              | 59                              | 12                        | 1 205               | 43 573            | 892                 | 1 567         | 30 114          | 97 488                | 76 104                            | 174 363                            | 1 195                                |
| 339950     | Sign manufacturing .....  | 2              | 59                              | 12                        | 1 205               | 43 573            | 892                 | 1 567         | 30 114          | 97 488                | 76 104                            | 174 363                            | 1 195                                |
| 33999      | All other miscellaneous manufacturing .....                                   | 2              | 56                              | 6                         | 512                 | 15 596            | 344                 | 547           | 7 397           | 28 934                | 28 024                            | 57 509                             | 2 866                                |
| 339999     | All other miscellaneous manufacturing .....                                   | 2              | 46                              | 5                         | 432                 | 11 894            | 311                 | 479           | 6 655           | 22 184                | 20 875                            | 43 082                             | D                                    |
|            | <b>SUNBURY-LEWISBURG-SELINSGROVE, PA COMBINED STATISTICAL AREA</b>            |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | —              | 219                             | 92                        | 14 967              | 452 118           | 11 846              | 23 455        | 307 321         | 1 072 294             | 1 286 737                         | 2 336 400                          | 83 523                               |
| 311        | Food manufacturing .....  | —              | 31                              | 9                         | 2 570               | 82 513            | 1 764               | 3 893         | 48 124          | 143 526               | 354 401                           | 496 285                            | D                                    |
| 3114       | Fruit and vegetable preserving and specialty food manufacturing .....         | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142      | Fruit and vegetable canning, pickling, and drying .....                       | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311421     | Fruit and vegetable canning ..  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311422     | Specialty canning .....   | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....                                     | —              | 9                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181      | Bread and bakery product manufacturing .....                                  | —              | 9                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812     | Commercial bakeries .....   | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....   | 4              | 8                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3133       | Textile and fabric finishing and fabric coating mills .....                   | 4              | 4                               | 3                         | 275                 | 7 230             | 214                 | 439           | 5 402           | 39 096                | 52 043                            | 90 579                             | D                                    |
| 31331      | Textile and fabric finishing mills .....                                      | 4              | 4                               | 3                         | 275                 | 7 230             | 214                 | 439           | 5 402           | 39 096                | 52 043                            | 90 579                             | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>SUNBURY-LEWISBURG-SELINSGROVE, PA COMBINED STATISTICAL AREA—Con.</b>       |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 321        | Wood product manufacturing .....  | -              | 37                              | 19                        | 3 347               | 99 464            | 2 687               | 5 382         | 63 453          | 217 890               | 249 303                           | 466 414                            | 8 930                                |
| 3219       | Other wood product manufacturing .....  | -              | 26                              | 16                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191      | Millwork .....  | -              | 10                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321911     | Wood window and door manufacturing .....                                      | -              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321912     | Cut stock, resawing lumber, and planing .....                                 | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing .....                                    | -              | 9                               | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321991     | Manufactured home (mobile home) manufacturing .....                           | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321992     | Prefabricated wood building manufacturing .....                               | -              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....   | -              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....                                 | -              | 12                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231       | Printing and related support activities .....                                 | -              | 12                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311      | Printing .....  | -              | 12                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....                              | -              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261       | Plastics product manufacturing ..   | -              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619      | Other plastics product manufacturing .....                                    | -              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199     | All other plastics product manufacturing .....                                | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....                               | -              | 12                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273       | Cement and concrete product manufacturing .....                               | -              | 11                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....                                  | -              | 25                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323       | Architectural and structural metals manufacturing .....                       | -              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33231      | Plate work and fabricated structural product manufacturing .....              | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332312     | Fabricated structural metal manufacturing .....                               | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232      | Ornamental and architectural metal products manufacturing .....               | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332321     | Metal window and door manufacturing .....                                     | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....                                  | -              | 13                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362       | Motor vehicle body and trailer manufacturing .....                            | -              | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621      | Motor vehicle body and trailer manufacturing .....                            | -              | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336213     | Motor home manufacturing ..   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336214     | Travel trailer and camper manufacturing .....                                 | -              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365       | Railroad rolling stock manufacturing .....                                    | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651      | Railroad rolling stock manufacturing .....                                    | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510     | Railroad rolling stock manufacturing .....                                    | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....                             | -              | 22                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | -              | 19                              | 7                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711      | Wood kitchen cabinet and countertop manufacturing ....                        | -              | 9                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                          | -              | 9                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712      | Household and institutional furniture manufacturing .....                     | -              | 10                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337122     | Nonupholstered wood household furniture manufacturing .....                   | -              | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>SUNBURY-LEWISBURG-SELINSGROVE, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339   | Miscellaneous manufacturing . . . . .   | —              | 12                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing . . . . .                                       | —              | 8                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33992   | Sporting and athletic goods manufacturing . . . . .                               | —              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339920  | Sporting and athletic goods manufacturing . . . . .                               | —              | 5                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>Lewisburg, PA Micropolitan Statistical Area</b>                      |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing . . . . .   | —              | 33                              | 15                        | 2 988               | 89 683            | 2 392               | 4 654         | 59 956          | 274 442               | 224 876                           | 490 886                            | 12 495                               |
| 321   | Wood product manufacturing . . . . .  | —              | 7                               | 3                         | 733                 | 23 223            | 519                 | 1 122         | 10 482          | 52 063                | 56 064                            | 109 914                            | 1 936                                |
| 3219  | Other wood product manufacturing . . . . .  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199   | All other wood product manufacturing . . . . .                                    | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321991  | Manufactured home (mobile home) manufacturing . . . . .                           | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing . . . . .                                  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337   | Furniture and related product manufacturing . . . . .                             | —              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing . . . . . | —              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711   | Wood kitchen cabinet and countertop manufacturing . . . . .                       | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110  | Wood kitchen cabinet and countertop manufacturing . . . . .                       | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712   | Household and institutional furniture manufacturing . . . . .                     | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337122  | Nonupholstered wood household furniture manufacturing . . . . .                   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing . . . . .   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing . . . . .                                       | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33992   | Sporting and athletic goods manufacturing . . . . .                               | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339920  | Sporting and athletic goods manufacturing . . . . .                               | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>Selinsgrove, PA Micropolitan Statistical Area</b>                    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing . . . . .   | 1              | 75                              | 34                        | 5 669               | 162 828           | 4 695               | 9 090         | 116 545         | 333 861               | 344 380                           | 675 655                            | 11 935                               |
| 311   | Food manufacturing . . . . .  | 1              | 8                               | 4                         | 358                 | 9 282             | 284                 | 555           | 6 472           | 19 291                | 67 960                            | 86 620                             | 923                                  |
| 321   | Wood product manufacturing . . . . .  | —              | 21                              | 11                        | 1 717               | 49 448            | 1 442               | 2 884         | 34 442          | 91 908                | 114 397                           | 205 008                            | 4 167                                |
| 3219  | Other wood product manufacturing . . . . .  | —              | 16                              | 10                        | 1 605               | 46 049            | 1 345               | 2 726         | 32 139          | 85 180                | 106 928                           | 190 799                            | 3 795                                |
| 32191   | Millwork . . . . .  | —              | 6                               | 4                         | 601                 | 16 243            | 522                 | 1 078         | 12 712          | 25 924                | 39 771                            | 64 925                             | 1 988                                |
| 321912  | Cut stock, resawing lumber, and planing . . . . .                                 | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199   | All other wood product manufacturing . . . . .                                    | —              | 4                               | 4                         | 916                 | 27 810            | 742                 | 1 487         | 17 780          | 53 907                | 60 882                            | 114 307                            | 1 512                                |
| 321992  | Prefabricated wood building manufacturing . . . . .                               | —              | 4                               | 4                         | 916                 | 27 810            | 742                 | 1 487         | 17 780          | 53 907                | 60 882                            | 114 307                            | 1 512                                |
| 326   | Plastics and rubber products manufacturing . . . . .                              | —              | 3                               | 2                         | 338                 | 9 184             | 285                 | 569           | 7 222           | 21 100                | 22 133                            | 43 363                             | 386                                  |
| 3261  | Plastics product manufacturing . . . . .  | —              | 3                               | 2                         | 338                 | 9 184             | 285                 | 569           | 7 222           | 21 100                | 22 133                            | 43 363                             | 386                                  |
| 32619   | Other plastics product manufacturing . . . . .                                    | —              | 3                               | 2                         | 338                 | 9 184             | 285                 | 569           | 7 222           | 21 100                | 22 133                            | 43 363                             | 386                                  |
| 326199  | All other plastics product manufacturing . . . . .                                | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing . . . . .                               | —              | 8                               | 4                         | 275                 | 8 931             | 154                 | 338           | 3 991           | 22 600                | 10 079                            | 32 874                             | 2 052                                |
| 3273  | Cement and concrete product manufacturing . . . . .                               | —              | 8                               | 4                         | 275                 | 8 931             | 154                 | 338           | 3 991           | 22 600                | 10 079                            | 32 874                             | 2 052                                |

See footnotes at end of table.

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>SUNBURY-LEWISBURG-SELINSGROVE, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Selinsgrove, PA Micropolitan Statistical Area—Con.</b>               |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332   | Fabricated metal product manufacturing .....                                  | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323  | Architectural and structural metals manufacturing .....                       | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232   | Ornamental and architectural metal products manufacturing .....               | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332321  | Metal window and door manufacturing .....                                     | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337   | Furniture and related product manufacturing .....                             | —              | 11                              | 4                         | 2 049               | 64 847            | 1 676               | 3 077         | 47 115          | 127 490               | 58 115                            | 184 834                            | 1 825                                |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing ..... | —              | 10                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711   | Wood kitchen cabinet and countertop manufacturing ....                        | —              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110  | Wood kitchen cabinet and countertop manufacturing ..                          | —              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>Sunbury, PA Micropolitan Statistical Area</b>                        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | —              | 111                             | 43                        | 6 310               | 199 607           | 4 759               | 9 711         | 130 820         | 463 991               | 717 481                           | 1 169 859                          | 59 093                               |
| 311   | Food manufacturing .....  | —              | 17                              | 5                         | 2 183               | 72 405            | 1 457               | 3 296         | 41 059          | 121 620               | 277 860                           | 398 469                            | 38 165                               |
| 3114  | Fruit and vegetable preserving and specialty food manufacturing .....         | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142   | Fruit and vegetable canning, pickling, and drying .....                       | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311421  | Fruit and vegetable canning .   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311422  | Specialty canning .....   | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118  | Bakeries and tortilla manufacturing .....                                     | —              | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181   | Bread and bakery product manufacturing .....                                  | —              | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812  | Commercial bakeries .....   | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313   | Textile mills .....   | 3              | 7                               | 5                         | 523                 | 16 257            | 411                 | 841           | 11 320          | 68 046                | 70 844                            | 137 395                            | 2 685                                |
| 3133  | Textile and fabric finishing and fabric coating mills .....                   | 4              | 4                               | 3                         | 275                 | 7 230             | 214                 | 439           | 5 402           | 39 096                | 52 043                            | 90 579                             | D                                    |
| 31331   | Textile and fabric finishing mills .....                                      | 4              | 4                               | 3                         | 275                 | 7 230             | 214                 | 439           | 5 402           | 39 096                | 52 043                            | 90 579                             | D                                    |
| 321   | Wood product manufacturing .....  | —              | 9                               | 5                         | 897                 | 26 793            | 726                 | 1 376         | 18 529          | 73 919                | 78 842                            | 151 492                            | 2 827                                |
| 3219  | Other wood product manufacturing .....  | —              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191   | Millwork .....  | —              | 3                               | 3                         | 545                 | 16 347            | 430                 | 837           | 10 682          | 47 315                | 53 696                            | 100 774                            | D                                    |
| 321911  | Wood window and door manufacturing .....                                      | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                                  | 2              | 18                              | 4                         | 344                 | 10 614            | 268                 | 445           | 7 252           | 20 907                | 13 133                            | 33 800                             | 526                                  |
| 336   | Transportation equipment manufacturing .....                                  | —              | 7                               | 4                         | 1 098               | 36 015            | 967                 | 2 006         | 29 086          | 81 018                | 173 968                           | 249 324                            | D                                    |
| 3362  | Motor vehicle body and trailer manufacturing .....                            | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 279                                  |
| 33621   | Motor vehicle body and trailer manufacturing .....                            | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 279                                  |
| 336213  | Motor home manufacturing ..   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336214  | Travel trailer and camper manufacturing .....                                 | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365  | Railroad rolling stock manufacturing .....                                    | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651   | Railroad rolling stock manufacturing .....                                    | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510  | Railroad rolling stock manufacturing .....                                    | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry                                 | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>WILLIAMSPORT-LOCK HAVEN, PA COMBINED STATISTICAL AREA</b> |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....  | 1              | 251                             | 101                       | 14 209              | 487 893           | 10 638              | 21 427        | 316 662         | 1 611 702             | 1 634 414                         | 3 282 940                          | 89 343                               |
| 311        | Food manufacturing .....                                     | -              | 19                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....                    | -              | 8                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182      | Cookie, cracker, and pasta manufacturing .....               | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821     | Cookie and cracker manufacturing .....                       | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119       | Other food manufacturing .....                               | -              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191      | Snack food manufacturing .....                               | -              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919     | Other snack food manufacturing .....                         | -              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....  | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315        | Apparel manufacturing .....                                  | -              | 11                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152       | Cut and sew apparel manufacturing .....                      | -              | 10                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....   | -              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....                             | -              | 32                              | 9                         | 1 119               | 36 435            | 911                 | 1 883         | 24 658          | 87 050                | 100 064                           | 186 632                            | 2 582                                |
| 3219       | Other wood product manufacturing .....                       | -              | 19                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing .....                   | -              | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321992     | Prefabricated wood building manufacturing .....              | -              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....                                    | -              | 12                              | 10                        | 1 075               | 39 656            | 697                 | 1 512         | 27 477          | 188 816               | 182 223                           | 384 220                            | D                                    |
| 3222       | Converted paper product manufacturing .....                  | -              | 11                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221      | Paperboard container manufacturing .....                     | -              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 725                                |
| 32229      | Other converted paper product manufacturing .....            | -              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291     | Sanitary paper product manufacturing .....                   | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....                | 2              | 18                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231       | Printing and related support activities .....                | 2              | 18                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311      | Printing .....   | 2              | 18                              | 8                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....                                 | -              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....             | -              | 14                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261       | Plastics product manufacturing ..                            | -              | 12                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619      | Other plastics product manufacturing .....                   | -              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199     | All other plastics product manufacturing .....               | -              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331        | Primary metal manufacturing .....                            | 5              | 6                               | 4                         | 1 177               | 46 129            | 946                 | 1 953         | 32 529          | 122 054               | 181 173                           | 306 082                            | 1 945                                |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....      | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....      | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111     | Iron and steel mills .....                                   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312       | Steel product manufacturing from purchased steel .....       | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122      | Rolling and drawing of purchased steel .....                 | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331222     | Steel wire drawing .....                                     | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313       | Alumina and aluminum production and processing .....         | 8              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131      | Alumina and aluminum production and processing ..            | 8              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331319     | Other aluminum rolling and drawing .....                     | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>WILLIAMSPORT-LOCK HAVEN, PA COMBINED STATISTICAL AREA—Con.</b>             |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing .....                                  | 2              | 39                              | 12                        | 1 091               | 42 244            | 899                 | 1 751         | 30 464          | 86 330                | 82 738                            | 179 440                            | D                                    |
| 3323       | Architectural and structural metals manufacturing .....                       | —              | 11                              | 5                         | 612                 | 25 757            | 497                 | 952           | 18 219          | 43 951                | 56 408                            | 107 330                            | 3 551                                |
| 33231      | Plate work and fabricated structural product manufacturing .....              | —              | 5                               | 3                         | 402                 | 18 626            | 330                 | 589           | 13 107          | 28 157                | 32 912                            | 68 105                             | D                                    |
| 332312     | Fabricated structural metal manufacturing .....                               | —              | 5                               | 3                         | 402                 | 18 626            | 330                 | 589           | 13 107          | 28 157                | 32 912                            | 68 105                             | D                                    |
| 333        | Machinery manufacturing .....   | 2              | 15                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3332       | Industrial machinery manufacturing .....                                      | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33329      | Other industrial machinery manufacturing .....                                | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333291     | Paper industry machinery manufacturing .....                                  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....                           | —              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344       | Semiconductor and other electronic component manufacturing .....              | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441      | Semiconductor and other electronic component manufacturing .....              | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....            | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....            | —              | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3352       | Household appliance manufacturing .....                                       | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33521      | Small electrical appliance manufacturing .....                                | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335212     | Household vacuum cleaner manufacturing .....                                  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....                                  | —              | 9                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363       | Motor vehicle parts manufacturing .....                                       | 2              | 5                               | 3                         | 399                 | 11 210            | 355                 | 650           | 8 780           | 35 426                | 29 853                            | 59 246                             | 3 135                                |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing .....         | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336321     | Vehicular lighting equipment manufacturing .....                              | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364       | Aerospace product and parts manufacturing .....                               | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641      | Aerospace product and parts manufacturing .....                               | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412     | Aircraft engine and engine parts manufacturing .....                          | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....                             | —              | 19                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | —              | 11                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712      | Household and institutional furniture manufacturing .....                     | —              | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3379       | Other furniture related product manufacturing .....                           | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33792      | Blind and shade manufacturing .....   | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337920     | Blind and shade manufacturing .....   | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339        | Miscellaneous manufacturing .....   | —              | 17                              | 5                         | 595                 | 18 343            | 399                 | 791           | 9 012           | 43 781                | 23 006                            | 67 234                             | 3 808                                |
| 3391       | Medical equipment and supplies manufacturing .....                            | —              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911      | Medical equipment and supplies manufacturing .....                            | —              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339111     | Laboratory apparatus and furniture manufacturing .....                        | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>WILLIAMSPORT-LOCK HAVEN, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Lock Haven, PA Micropolitan Statistical Area</b>               |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | —              | 45                              | 16                        | 2 217               | 74 316            | 1 606               | 3 212         | 52 965          | 304 970               | 318 315                           | 633 511                            | 26 640                               |
| 321   | Wood product manufacturing .....                                      | —              | 9                               | 2                         | 297                 | 9 793             | 231                 | 476           | 6 590           | 19 708                | 20 947                            | 39 851                             | 432                                  |
| 3219  | Other wood product manufacturing .....                                | —              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199   | All other wood product manufacturing .....                            | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321992  | Prefabricated wood building manufacturing .....                       | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322   | Paper manufacturing .....   | —              | 4                               | 4                         | 734                 | 27 996            | 424                 | 958           | 20 394          | 159 757               | 139 742                           | 313 001                            | D                                    |
| 3222  | Converted paper product manufacturing .....                           | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229   | Other converted paper product manufacturing .....                     | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291  | Sanitary paper product manufacturing .....                            | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336   | Transportation equipment manufacturing .....                          | 2              | 5                               | 3                         | 399                 | 11 210            | 355                 | 650           | 8 780           | 35 426                | 29 853                            | 59 246                             | 3 135                                |
| 3363  | Motor vehicle parts manufacturing .....                               | 2              | 5                               | 3                         | 399                 | 11 210            | 355                 | 650           | 8 780           | 35 426                | 29 853                            | 59 246                             | 3 135                                |
| 33632   | Motor vehicle electrical and electronic equipment manufacturing ..... | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336321  | Vehicular lighting equipment manufacturing .....                      | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>Williamsport, PA Metropolitan Statistical Area</b>             |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 1              | 206                             | 85                        | 11 992              | 413 577           | 9 032               | 18 215        | 263 697         | 1 306 732             | 1 316 099                         | 2 649 429                          | 62 703                               |
| 311   | Food manufacturing .....  | —              | 18                              | 7                         | 1 125               | 43 826            | 852                 | 1 788         | 32 446          | 348 811               | 158 841                           | 508 012                            | 12 200                               |
| 3118  | Bakeries and tortilla manufacturing .....                             | —              | 8                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182   | Cookie, cracker, and pasta manufacturing .....                        | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821  | Cookie and cracker manufacturing .....                                | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119  | Other food manufacturing .....  | —              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191   | Snack food manufacturing .....  | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919  | Other snack food manufacturing .....                                  | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315   | Apparel manufacturing .....   | —              | 9                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152  | Cut and sew apparel manufacturing .....                               | —              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523   | Women's and girls' cut and sew apparel manufacturing .....            | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....                                      | —              | 23                              | 7                         | 822                 | 26 642            | 680                 | 1 407         | 18 068          | 67 342                | 79 117                            | 146 781                            | 2 150                                |
| 3219  | Other wood product manufacturing .....                                | —              | 14                              | 5                         | 707                 | 23 060            | 580                 | 1 173         | 14 980          | 55 050                | 50 878                            | 106 302                            | 525                                  |
| 32199   | All other wood product manufacturing .....                            | —              | 6                               | 3                         | 591                 | 20 548            | 480                 | 998           | 13 080          | 49 759                | 43 100                            | 93 244                             | 353                                  |
| 321992  | Prefabricated wood building manufacturing .....                       | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322   | Paper manufacturing .....   | —              | 8                               | 6                         | 341                 | 11 660            | 273                 | 554           | 7 083           | 29 059                | 42 481                            | 71 219                             | 3 725                                |
| 3222  | Converted paper product manufacturing .....                           | —              | 8                               | 6                         | 341                 | 11 660            | 273                 | 554           | 7 083           | 29 059                | 42 481                            | 71 219                             | 3 725                                |
| 32221   | Paperboard container manufacturing .....                              | —              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 725                                |
| 323   | Printing and related support activities .....                         | 2              | 15                              | 7                         | 439                 | 13 583            | 318                 | 655           | 8 374           | 31 415                | 23 771                            | 56 162                             | 2 395                                |
| 3231  | Printing and related support activities .....                         | 2              | 15                              | 7                         | 439                 | 13 583            | 318                 | 655           | 8 374           | 31 415                | 23 771                            | 56 162                             | 2 395                                |
| 32311   | Printing .....  | 2              | 15                              | 7                         | 439                 | 13 583            | 318                 | 655           | 8 374           | 31 415                | 23 771                            | 56 162                             | 2 395                                |
| 326   | Plastics and rubber products manufacturing .....                      | —              | 13                              | 9                         | 1 024               | 31 606            | 750                 | 1 603         | 19 229          | 142 616               | 110 249                           | 249 513                            | 8 030                                |
| 3261  | Plastics product manufacturing .....                                  | —              | 11                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....                            | —              | 5                               | 3                         | 513                 | 16 939            | 326                 | 716           | 8 660           | 66 387                | 34 227                            | 100 767                            | 2 294                                |
| 326199  | All other plastics product manufacturing .....                        | —              | 5                               | 3                         | 513                 | 16 939            | 326                 | 716           | 8 660           | 66 387                | 34 227                            | 100 767                            | 2 294                                |

See footnotes at end of table.

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|------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|            |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
|            | <b>WILLIAMSPORT-LOCK HAVEN, PA COMBINED STATISTICAL AREA—Con.</b>             |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
|            | <b>Williamsport, PA Metropolitan Statistical Area—Con.</b>                    |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 331        | Primary metal manufacturing .....   | 5                               | 6     | 4                         | 1 177               | 46 129             | 946                 | 1 953         | 32 529                | 122 054                           | 181 173                            | 306 082                              | 1 945           |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....                       | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....                       | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 331111     | Iron and steel mills .....  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3312       | Steel product manufacturing from purchased steel .....                        | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33122      | Rolling and drawing of purchased steel .....                                  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 331222     | Steel wire drawing .....  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3313       | Alumina and aluminum production and processing .....                          | 8                               | 3     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33131      | Alumina and aluminum production and processing ...                            | 8                               | 3     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 331319     | Other aluminum rolling and drawing .....                                      | 9                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332        | Fabricated metal product manufacturing .....                                  | 2                               | 36    | 12                        | 1 081               | 41 889             | 893                 | 1 744         | 30 287                | 86 014                            | 82 454                             | 178 901                              | 4 894           |
| 3323       | Architectural and structural metals manufacturing .....                       | —                               | 11    | 5                         | 612                 | 25 757             | 497                 | 952           | 18 219                | 43 951                            | 56 408                             | 107 330                              | 3 551           |
| 33231      | Plate work and fabricated structural product manufacturing .....              | —                               | 5     | 3                         | 402                 | 18 626             | 330                 | 589           | 13 107                | 28 157                            | 32 912                             | 68 105                               | D               |
| 332312     | Fabricated structural metal manufacturing .....                               | —                               | 5     | 3                         | 402                 | 18 626             | 330                 | 589           | 13 107                | 28 157                            | 32 912                             | 68 105                               | D               |
| 333        | Machinery manufacturing .....   | 2                               | 14    | 5                         | 721                 | 32 530             | 403                 | 857           | 13 080                | 54 228                            | 43 816                             | 105 007                              | 2 840           |
| 3332       | Industrial machinery manufacturing .....                                      | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33329      | Other industrial machinery manufacturing .....                                | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 333291     | Paper industry machinery manufacturing .....                                  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334        | Computer and electronic product manufacturing .....                           | —                               | 5     | 3                         | 770                 | 26 591             | 515                 | 1 048         | 15 069                | 71 850                            | 79 652                             | 153 252                              | 2 797           |
| 3344       | Semiconductor and other electronic component manufacturing .....              | —                               | 3     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33441      | Semiconductor and other electronic component manufacturing .....              | —                               | 3     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334418     | Printed circuit assembly (electronic assembly) manufacturing .....            | —                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335        | Electrical equipment, appliance, and component manufacturing .....            | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3352       | Household appliance manufacturing .....                                       | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33521      | Small electrical appliance manufacturing .....                                | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335212     | Household vacuum cleaner manufacturing .....                                  | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336        | Transportation equipment manufacturing .....                                  | —                               | 4     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3364       | Aerospace product and parts manufacturing .....                               | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33641      | Aerospace product and parts manufacturing .....                               | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336412     | Aircraft engine and engine parts manufacturing .....                          | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337        | Furniture and related product manufacturing .....                             | —                               | 16    | 7                         | 1 293               | 32 321             | 942                 | 1 809         | 22 603                | 80 871                            | 88 333                             | 171 225                              | 4 652           |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | —                               | 8     | 3                         | 373                 | 8 180              | 311                 | 618           | 4 813                 | 30 161                            | 23 396                             | 53 154                               | 2 445           |
| 33712      | Household and institutional furniture manufacturing .....                     | —                               | 5     | 3                         | 356                 | 7 682              | 297                 | 590           | 4 473                 | 28 824                            | 22 474                             | 50 900                               | 2 408           |
| 3379       | Other furniture related product manufacturing .....                           | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33792      | Blind and shade manufacturing .....   | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337920     | Blind and shade manufacturing .....   | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code  | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>WILLIAMSPORT-LOCK HAVEN, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Williamsport, PA Metropolitan Statistical Area—Con.</b>        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339   | Miscellaneous manufacturing .....                                     | —              | 13                              | 5                         | 576                 | 17 946            | 383                 | 771           | 8 750           | 43 277                | 22 774                            | 66 498                             | 3 799                                |
| 3391  | Medical equipment and supplies manufacturing .....                    | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911   | Medical equipment and supplies manufacturing .....                    | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339111  | Laboratory apparatus and furniture manufacturing ....                 | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA</b>      |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 1              | 784                             | 346                       | 49 539              | 1 819 522         | 35 863              | 71 785        | 1 135 888       | 5 437 683             | 4 375 913                         | 9 772 471                          | 440 104                              |
| 311   | Food manufacturing .....  | 3              | 59                              | 31                        | 7 512               | 224 188           | 5 593               | 11 290        | 143 254         | 925 046               | 753 165                           | 1 683 955                          | 33 948                               |
| 3113  | Sugar and confectionery product manufacturing .....                   | —              | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114  | Fruit and vegetable preserving and specialty food manufacturing ..... | 3              | 6                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31141   | Frozen food manufacturing ....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311411  | Frozen fruit, juice, and vegetable manufacturing ...                  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142   | Fruit and vegetable canning, pickling, and drying .....               | 5              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311421  | Fruit and vegetable canning .   | 5              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116  | Animal slaughtering and processing .....                              | 1              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161   | Animal slaughtering and processing .....                              | 1              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615  | Poultry processing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118  | Bakeries and tortilla manufacturing .....                             | 3              | 13                              | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181   | Bread and bakery product manufacturing .....                          | —              | 8                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311813  | Frozen cakes, pies, and other pastries manufacturing .....            | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182   | Cookie, cracker, and pasta manufacturing .....                        | 5              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821  | Cookie and cracker manufacturing .....                                | 5              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119  | Other food manufacturing .....  | 3              | 15                              | 11                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191   | Snack food manufacturing .....  | 2              | 11                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919  | Other snack food manufacturing .....                                  | 3              | 10                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314   | Textile product mills .....   | —              | 10                              | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141  | Textile furnishings mills .....                                       | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412   | Curtain and linen mills .....   | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129  | Other household textile product mills .....                           | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315   | Apparel manufacturing .....   | 1              | 18                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152  | Cut and sew apparel manufacturing .....                               | 1              | 15                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523   | Women's and girls' cut and sew apparel manufacturing .....            | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239  | Women's and girls' cut and sew other outerwear manufacturing .....    | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31529   | Other cut and sew apparel manufacturing .....                         | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315299  | All other cut and sew apparel manufacturing .....                     | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....                                      | 1              | 39                              | 14                        | 987                 | 26 606            | 755                 | 1 482         | 17 005          | 55 045                | 54 791                            | 109 288                            | D                                    |
| 3212  | Veneer, plywood, and engineered wood product manufacturing ....       | 2              | 5                               | 4                         | 276                 | 7 945             | 213                 | 374           | 5 086           | 14 926                | 15 807                            | 30 666                             | 742                                  |
| 32121   | Veneer, plywood, and engineered wood product manufacturing .....      | 2              | 5                               | 4                         | 276                 | 7 945             | 213                 | 374           | 5 086           | 14 926                | 15 807                            | 30 666                             | 742                                  |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b>               |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 321        | Wood product manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3219       | Other wood product manufacturing .....  | 1              | 26                              | 10                        | 683                 | 17 919            | 517                 | 1 066         | 11 311          | 39 032                | 35 677                            | 74 226                             | D                                    |
| 32192      | Wood container and pallet manufacturing .....                                   | —              | 11                              | 4                         | 338                 | 7 698             | 293                 | 596           | 5 791           | 14 373                | 11 595                            | 25 966                             | D                                    |
| 321920     | Wood container and pallet manufacturing .....                                   | —              | 11                              | 4                         | 338                 | 7 698             | 293                 | 596           | 5 791           | 14 373                | 11 595                            | 25 966                             | D                                    |
| 322        | Paper manufacturing .....   | —              | 34                              | 25                        | 3 815               | 182 143           | 2 453               | 5 262         | 98 937          | 435 851               | 403 525                           | 837 748                            | D                                    |
| 3221       | Pulp, paper, and paperboard mills .....   | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212      | Paper mills .....   | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills .....  | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....                                     | —              | 32                              | 23                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221      | Paperboard container manufacturing .....  | —              | 23                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322211     | Corrugated and solid fiber box manufacturing .....                              | —              | 15                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32222      | Paper bag and coated and treated paper manufacturing ..                         | —              | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322222     | Coated and laminated paper manufacturing .....                                  | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323        | Printing and related support activities .....                                   | 1              | 65                              | 30                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231       | Printing and related support activities .....                                   | 1              | 65                              | 30                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311      | Printing .....  | 1              | 56                              | 26                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110     | Commercial lithographic printing .....  | 1              | 30                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323112     | Commercial flexographic printing .....  | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323117     | Books printing .....  | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32312      | Support activities for printing...  | —              | 9                               | 4                         | 300                 | 12 724            | 221                 | 465           | 7 553           | 14 921                | 12 096                            | 26 258                             | 315                                  |
| 323122     | Prepress services .....   | —              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....  | 3              | 22                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....                                | 1              | 35                              | 22                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 21 063                               |
| 3261       | Plastics product manufacturing ..   | 1              | 32                              | 22                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32616      | Plastics bottle manufacturing ..  | —              | 4                               | 4                         | 623                 | 20 661            | 552                 | 856           | 16 800          | 100 858               | 102 481                           | 204 244                            | D                                    |
| 326160     | Plastics bottle manufacturing .....   | —              | 4                               | 4                         | 623                 | 20 661            | 552                 | 856           | 16 800          | 100 858               | 102 481                           | 204 244                            | D                                    |
| 32619      | Other plastics product manufacturing .....                                      | 2              | 25                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199     | All other plastics product manufacturing .....                                  | 2              | 23                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....                                 | 2              | 38                              | 16                        | 2 651               | 73 835            | 1 976               | 3 896         | 52 774          | 228 535               | 150 410                           | 374 629                            | 11 636                               |
| 3271       | Clay product and refractory manufacturing .....                                 | 1              | 6                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing .....                     | 9              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327112     | Vitreous china, fine earthenware, and other pottery product manufacturing ..... | 9              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32712      | Clay building material and refractories manufacturing....                       | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327122     | Ceramic wall and floor tile manufacturing .....                                 | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327125     | Nonclay refractory manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273       | Cement and concrete product manufacturing .....                                 | 3              | 23                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32733      | Concrete pipe, brick, and block manufacturing .....                             | 5              | 10                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327331     | Concrete block and brick manufacturing .....                                    | 6              | 9                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b>           |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331        | Primary metal manufacturing .....   | 1              | 20                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....                     | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....                     | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111     | Iron and steel mills .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312       | Steel product manufacturing from purchased steel .....                      | —              | 3                               | 3                         | 489                 | 14 926            | 327                 | 591           | 9 690           | 14 782                | 24 337                            | 39 607                             | 1 073                                |
| 33122      | Rolling and drawing of purchased steel .....                                | —              | 3                               | 3                         | 489                 | 14 926            | 327                 | 591           | 9 690           | 14 782                | 24 337                            | 39 607                             | 1 073                                |
| 331222     | Steel wire drawing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313       | Alumina and aluminum production and processing .....                        | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131      | Alumina and aluminum production and processing ...                          | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315       | Foundries .....   | 4              | 12                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151      | Ferrous metal foundries .....   | 8              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331511     | Iron foundries .....  | 8              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152      | Nonferrous metal foundries ....   | —              | 8                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....                                | —              | 160                             | 53                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 22 618                               |
| 3321       | Forging and stamping .....  | —              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33211      | Forging and stamping .....  | —              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332116     | Metal stamping .....  | —              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323       | Architectural and structural metals manufacturing .....                     | —              | 27                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33231      | Plate work and fabricated structural product manufacturing .....            | —              | 12                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332312     | Fabricated structural metal manufacturing .....                             | —              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232      | Ornamental and architectural metal products manufacturing .....             | 1              | 15                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332322     | Sheet metal work manufacturing .....  | —              | 11                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3324       | Boiler, tank, and shipping container manufacturing .....                    | —              | 8                               | 4                         | 652                 | 25 765            | 415                 | 749           | 13 197          | 55 250                | 115 586                           | 167 934                            | 1 603                                |
| 33242      | Metal tank (heavy gauge) manufacturing .....                                | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332420     | Metal tank (heavy gauge) manufacturing .....                                | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing ..... | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 1              | 71                              | 15                        | 921                 | 29 561            | 683                 | 1 291         | 19 488          | 58 663                | 28 193                            | 87 414                             | 7 135                                |
| 33271      | Machine shops .....   | 1              | 57                              | 11                        | 703                 | 23 560            | 510                 | 979           | 15 308          | 47 485                | 22 963                            | 70 452                             | 6 159                                |
| 332710     | Machine shops .....   | 1              | 57                              | 11                        | 703                 | 23 560            | 510                 | 979           | 15 308          | 47 485                | 22 963                            | 70 452                             | 6 159                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....              | —              | 13                              | 6                         | 272                 | 9 430             | 199                 | 356           | 5 327           | 18 350                | 6 443                             | 24 856                             | 749                                  |
| 33281      | Coating, engraving, heat treating, and allied activities ..                 | —              | 13                              | 6                         | 272                 | 9 430             | 199                 | 356           | 5 327           | 18 350                | 6 443                             | 24 856                             | 749                                  |
| 3329       | Other fabricated metal product manufacturing .....                          | —              | 23                              | 6                         | 787                 | 34 214            | 614                 | 1 232         | 24 450          | 136 646               | 62 158                            | 199 768                            | D                                    |
| 33299      | All other fabricated metal product manufacturing .....                      | —              | 22                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332995     | Other ordnance and accessories manufacturing ..                             | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....   | 2              | 96                              | 45                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....         | 2              | 4                               | 2                         | 354                 | 17 190            | 152                 | 266           | 4 944           | 33 634                | 49 014                            | 82 250                             | D                                    |
| 33313      | Mining and oil and gas field machinery manufacturing ....                   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333131     | Mining machinery and equipment manufacturing ..                             | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |       |
|            | <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |       |
| 333        | Machinery manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |       |
| 3332       | Industrial machinery manufacturing .....  | —              | 14                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |       |
| 33322      | Plastics and rubber industry machinery manufacturing ....   | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |       |
| 333220     | Plastics and rubber industry machinery manufacturing ..   | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |       |
| 33329      | Other industrial machinery manufacturing .....  | —              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |       |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —              | 13                              | 9                         |                     | 1 539             | 71 233              | 1 156         | 2 031           | 51 149                | 114 240                           | 190 814                            | 309 467                              | 2 465 |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —              | 13                              | 9                         |                     | 1 539             | 71 233              | 1 156         | 2 031           | 51 149                | 114 240                           | 190 814                            | 309 467                              | 2 465 |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | —              | 10                              | 9                         |                     | 1 531             | 70 955              | 1 150         | 2 019           | 51 001                | 113 649                           | 190 322                            | 308 384                              | 2 449 |
| 3335       | Metalworking machinery manufacturing .....  | 2              | 34                              | 10                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 33351      | Metalworking machinery manufacturing .....  | 2              | 34                              | 10                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 3336       | Engine, turbine, and power transmission equipment manufacturing .....   | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 33361      | Engine, turbine, and power transmission equipment manufacturing .....   | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 333611     | Turbine and turbine generator set units manufacturing .....   | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 3339       | Other general purpose machinery manufacturing .....   | 5              | 23                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 33392      | Material handling equipment manufacturing .....   | 8              | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 333921     | Elevator and moving stairway manufacturing .....  | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 33399      | All other general purpose machinery manufacturing ....  | 1              | 13                              | 8                         |                     | 673               | 33 471              | 442           | 892             | 19 154                | 69 729                            | 64 280                             | 143 556                              | 6 054 |
| 333992     | Welding and soldering equipment manufacturing ..  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 334        | Computer and electronic product manufacturing .....   | —              | 27                              | 20                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 3344       | Semiconductor and other electronic component manufacturing .....  | —              | 17                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 33441      | Semiconductor and other electronic component manufacturing .....  | —              | 17                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 334417     | Electronic connector manufacturing .....  | —              | 6                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 334419     | Other electronic component manufacturing .....  | 2              | 6                               | 4                         |                     | 386               | 15 545              | 206           | 404             | 5 692                 | 35 841                            | 29 583                             | 69 392                               | D     |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....                                      | —              | 7                               | 6                         |                     | 571               | 22 557              | 362           | 742             | 9 757                 | 73 306                            | 50 656                             | 128 114                              | 2 554 |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...  | —              | 7                               | 6                         |                     | 571               | 22 557              | 362           | 742             | 9 757                 | 73 306                            | 50 656                             | 128 114                              | 2 554 |
| 335        | Electrical equipment, appliance, and component manufacturing .....  | 1              | 16                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 3351       | Electric lighting equipment manufacturing .....   | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 33511      | Electric lamp bulb and part manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 335110     | Electric lamp bulb and part manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |
| 33512      | Lighting fixture manufacturing ..   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D     |

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| <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336   | Transportation equipment manufacturing .....  | -              | 21                              | 14                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363  | Motor vehicle parts manufacturing .....   | -              | 14                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33633   | Motor vehicle steering and suspension component (except spring) manufacturing ..... | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336330  | Motor vehicle steering and suspension component (except spring) manufacturing ..... | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33636   | Motor vehicle seating and interior trim manufacturing .....                         | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336360  | Motor vehicle seating and interior trim manufacturing ..                            | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33639   | Other motor vehicle parts manufacturing .....                                       | -              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3369  | Other transportation equipment manufacturing .....                                  | -              | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33699   | Other transportation equipment manufacturing .....                                  | -              | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336991  | Motorcycle, bicycle, and parts manufacturing .....                                  | -              | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336992  | Military armored vehicle, tank, and tank component manufacturing .....              | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337   | Furniture and related product manufacturing .....                                   | -              | 53                              | 17                        | 2 142               | 63 658            | 1 787               | 3 528         | 47 454          | 194 326               | 124 468                           | 315 681                            | 14 800                               |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing .....       | -              | 41                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711   | Wood kitchen cabinet and countertop manufacturing ....                              | -              | 19                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110  | Wood kitchen cabinet and countertop manufacturing ..                                | -              | 19                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712   | Household and institutional furniture manufacturing .....                           | 2              | 22                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3372  | Office furniture (including fixtures) manufacturing .....                           | -              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33721   | Office furniture (including fixtures) manufacturing .....                           | -              | 12                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing .....   | 1              | 46                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 972                                |
| 3391  | Medical equipment and supplies manufacturing .....                                  | -              | 17                              | 5                         | 1 069               | 40 752            | 710                 | 1 545         | 19 618          | 132 193               | 50 308                            | 182 005                            | 6 370                                |
| 33911   | Medical equipment and supplies manufacturing .....                                  | -              | 17                              | 5                         | 1 069               | 40 752            | 710                 | 1 545         | 19 618          | 132 193               | 50 308                            | 182 005                            | 6 370                                |
| 339114  | Dental equipment and supplies manufacturing ....                                    | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339116  | Dental laboratories .....   | -              | 7                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing .....   | 3              | 29                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 602                                |
| 33999   | All other miscellaneous manufacturing .....   | -              | 15                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339995  | Burial casket manufacturing ..  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>Gettysburg, PA Micropolitan Statistical Area</b>               |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 3              | 127                             | 53                        | 6 953               | 216 536           | 5 424               | 10 385        | 150 489         | 844 564               | 642 867                           | 1 494 802                          | 62 050                               |
| 311   | Food manufacturing .....  | 4              | 17                              | 13                        | 2 071               | 51 243            | 1 635               | 2 999         | 37 571          | 255 788               | 260 089                           | 522 967                            | 13 912                               |
| 3114  | Fruit and vegetable preserving and specialty food manufacturing .....               | 5              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142   | Fruit and vegetable canning, pickling, and drying .....                             | 5              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311421  | Fruit and vegetable canning ..  | 5              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116  | Animal slaughtering and processing .....  | 1              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161   | Animal slaughtering and processing .....  | 1              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615  | Poultry processing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....  | 1              | 14                              | 7                         | 406                 | 10 267            | 324                 | 703           | 6 969           | 19 541                | 27 333                            | 46 330                             | D                                    |
| 3219  | Other wood product manufacturing .....  | -              | 9                               | 7                         | 393                 | 9 956             | 313                 | 685           | 6 723           | 19 105                | 25 764                            | 44 323                             | D                                    |

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| <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Gettysburg, PA Micropolitan Statistical Area—Con.</b>          |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322   | Paper manufacturing .....   | -              | 7                               | 5                         | 762                 | 31 829            | 509                 | 1 063         | 15 377          | 76 533                | 102 079                           | 181 535                            | D                                    |
| 3222  | Converted paper product manufacturing .....                                   | -              | 7                               | 5                         | 762                 | 31 829            | 509                 | 1 063         | 15 377          | 76 533                | 102 079                           | 181 535                            | D                                    |
| 32221   | Paperboard container manufacturing .....                                      | -              | 5                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322211  | Corrugated and solid fiber box manufacturing .....                            | -              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323   | Printing and related support activities .....                                 | -              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231  | Printing and related support activities .....                                 | -              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311   | Printing .....  | -              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323117  | Books printing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....                               | -              | 8                               | 4                         | 474                 | 14 218            | 397                 | 770           | 10 874          | 48 919                | 24 025                            | 72 629                             | 4 542                                |
| 3271  | Clay product and refractory manufacturing .....                               | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32712   | Clay building material and refractories manufacturing .....                   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327122  | Ceramic wall and floor tile manufacturing .....                               | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333   | Machinery manufacturing .....   | 9              | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339  | Other general purpose machinery manufacturing .....                           | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392   | Material handling equipment manufacturing .....                               | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333921  | Elevator and moving stairway manufacturing .....                              | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334   | Computer and electronic product manufacturing .....                           | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344  | Semiconductor and other electronic component manufacturing .....              | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441   | Semiconductor and other electronic component manufacturing .....              | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334417  | Electronic connector manufacturing .....                                      | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335   | Electrical equipment, appliance, and component manufacturing .....            | -              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337   | Furniture and related product manufacturing .....                             | -              | 12                              | 2                         | 695                 | 21 142            | 631                 | 1 282         | 18 012          | 80 876                | 42 235                            | 122 657                            | 3 234                                |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing ..... | -              | 10                              | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711   | Wood kitchen cabinet and countertop manufacturing .....                       | -              | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110  | Wood kitchen cabinet and countertop manufacturing .....                       | -              | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>York-Hanover, PA Metropolitan Statistical Area</b>             |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 1              | 657                             | 293                       | 42 586              | 1 602 986         | 30 439              | 61 400        | 985 399         | 4 593 119             | 3 733 046                         | 8 277 669                          | 378 054                              |
| 311   | Food manufacturing .....  | 2              | 42                              | 18                        | 5 441               | 172 945           | 3 958               | 8 291         | 105 683         | 669 258               | 493 076                           | 1 160 988                          | 20 036                               |
| 3114  | Fruit and vegetable preserving and specialty food manufacturing .....         | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31141   | Frozen food manufacturing .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311411  | Frozen fruit, juice, and vegetable manufacturing .....                        | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118  | Bakeries and tortilla manufacturing .....                                     | 3              | 12                              | 4                         | 1 845               | 57 506            | 1 431               | 3 377         | 36 828          | 141 063               | 137 809                           | 279 064                            | 4 217                                |
| 31181   | Bread and bakery product manufacturing .....                                  | -              | 7                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311813  | Frozen cakes, pies, and other pastries manufacturing .....                    | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182   | Cookie, cracker, and pasta manufacturing .....                                | 5              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821  | Cookie and cracker manufacturing .....  | 5              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>York-Hanover, PA Metropolitan Statistical Area—Con.</b>         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 311        | Food manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3119       | Other food manufacturing .....                                     | 3              | 13                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191      | Snack food manufacturing .....                                     | 3              | 10                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919     | Other snack food manufacturing .....                               | 3              | 9                               | 8                         | 2 486               | 76 302            | 1 796               | 3 373         | 45 955          | 324 138               | 155 698                           | 478 166                            | 10 050                               |
| 314        | Textile product mills .....  | —              | 8                               | 1                         | 315                 | 7 135             | 293                 | 572           | 6 270           | 10 030                | 5 282                             | 14 821                             | D                                    |
| 3141       | Textile furnishings mills .....                                    | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412      | Curtain and linen mills .....                                      | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129     | Other household textile product mills .....                        | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315        | Apparel manufacturing .....  | —              | 13                              | 7                         | 870                 | 20 156            | 717                 | 1 432         | 13 269          | 24 173                | 36 254                            | 67 075                             | D                                    |
| 3152       | Cut and sew apparel manufacturing .....                            | —              | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....         | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239     | Women's and girls' cut and sew other outerwear manufacturing ..... | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31529      | Other cut and sew apparel manufacturing .....                      | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315299     | All other cut and sew apparel manufacturing .....                  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....                                   | 1              | 25                              | 7                         | 581                 | 16 339            | 431                 | 779           | 10 036          | 35 504                | 27 458                            | 62 958                             | 1 394                                |
| 3212       | Veneer, plywood, and engineered wood product manufacturing .....   | 2              | 5                               | 4                         | 276                 | 7 945             | 213                 | 374           | 5 086           | 14 926                | 15 807                            | 30 666                             | 742                                  |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....   | 2              | 5                               | 4                         | 276                 | 7 945             | 213                 | 374           | 5 086           | 14 926                | 15 807                            | 30 666                             | 742                                  |
| 3219       | Other wood product manufacturing .....                             | 1              | 17                              | 3                         | 290                 | 7 963             | 204                 | 381           | 4 588           | 19 927                | 9 913                             | 29 903                             | 596                                  |
| 322        | Paper manufacturing .....  | —              | 27                              | 20                        | 3 053               | 150 314           | 1 944               | 4 199         | 83 560          | 359 318               | 301 446                           | 656 213                            | 46 826                               |
| 3221       | Pulp, paper, and paperboard mills .....                            | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212      | Paper mills .....  | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121     | Paper (except newsprint) mills .....                               | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222       | Converted paper product manufacturing .....                        | —              | 25                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221      | Paperboard container manufacturing .....                           | —              | 18                              | 13                        | 1 099               | 38 295            | 868                 | 1 781         | 25 905          | 85 379                | 122 011                           | 207 474                            | D                                    |
| 322211     | Corrugated and solid fiber box manufacturing .....                 | —              | 11                              | 8                         | 810                 | 30 152            | 624                 | 1 327         | 19 787          | 64 507                | 101 367                           | 165 967                            | D                                    |
| 32222      | Paper bag and coated and treated paper manufacturing .....         | —              | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 926                                |
| 322222     | Coated and laminated paper manufacturing .....                     | —              | 4                               | 3                         | 627                 | 25 373            | 282                 | 595           | 9 963           | 85 849                | 50 567                            | 135 601                            | D                                    |
| 323        | Printing and related support activities .....                      | 1              | 61                              | 28                        | 4 057               | 141 402           | 2 970               | 5 936         | 91 277          | 336 505               | 246 650                           | 586 178                            | 19 705                               |
| 3231       | Printing and related support activities .....                      | 1              | 61                              | 28                        | 4 057               | 141 402           | 2 970               | 5 936         | 91 277          | 336 505               | 246 650                           | 586 178                            | 19 705                               |
| 32311      | Printing .....   | 1              | 52                              | 24                        | 3 757               | 128 678           | 2 749               | 5 471         | 83 724          | 321 584               | 234 554                           | 559 920                            | 19 390                               |
| 323110     | Commercial lithographic printing .....                             | 1              | 29                              | 13                        | 2 250               | 76 402            | 1 667               | 3 413         | 52 096          | 182 968               | 113 383                           | 300 351                            | 9 340                                |
| 323112     | Commercial flexographic printing .....                             | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323117     | Books printing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32312      | Support activities for printing .....                              | —              | 9                               | 4                         | 300                 | 12 724            | 221                 | 465           | 7 553           | 14 921                | 12 096                            | 26 258                             | 315                                  |
| 323122     | Prepress services .....  | —              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....                                       | 4              | 19                              | 4                         | 280                 | 12 641            | 161                 | 340           | 5 360           | 42 805                | 31 603                            | 75 656                             | 1 091                                |
| 326        | Plastics and rubber products manufacturing .....                   | —              | 30                              | 21                        | 2 563               | 80 641            | 2 109               | 4 128         | 57 019          | 257 821               | 228 368                           | 483 578                            | 21 019                               |
| 3261       | Plastics product manufacturing .....                               | —              | 28                              | 21                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32616      | Plastics bottle manufacturing .....                                | —              | 4                               | 4                         | 623                 | 20 661            | 552                 | 856           | 16 800          | 100 858               | 102 481                           | 204 244                            | D                                    |
| 326160     | Plastics bottle manufacturing .....                                | —              | 4                               | 4                         | 623                 | 20 661            | 552                 | 856           | 16 800          | 100 858               | 102 481                           | 204 244                            | D                                    |
| 32619      | Other plastics product manufacturing .....                         | 2              | 21                              | 14                        | 1 589               | 46 759            | 1 277               | 2 714         | 31 912          | 104 444               | 74 965                            | 178 746                            | 10 850                               |
| 326199     | All other plastics product manufacturing .....                     | 2              | 20                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
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| <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>York-Hanover, PA Metropolitan Statistical Area—Con.</b>        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327   | Nonmetallic mineral product manufacturing .....                                 | 2              | 30                              | 12                        | 2 177               | 59 617            | 1 579               | 3 126         | 41 900          | 179 616               | 126 385                           | 302 000                            | 7 094                                |
| 3271  | Clay product and refractory manufacturing .....                                 | 1              | 5                               | 4                         | 1 515               | 38 579            | 1 121               | 2 292         | 29 113          | 113 102               | 73 933                            | 183 474                            | 3 255                                |
| 32711   | Pottery, ceramics, and plumbing fixture manufacturing .....                     | 9              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327112  | Vitreous china, fine earthenware, and other pottery product manufacturing ..... | 9              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32712   | Clay building material and refractories manufacturing ....                      | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327125  | Nonclay refractory manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273  | Cement and concrete product manufacturing .....                                 | 3              | 18                              | 6                         | 573                 | 18 700            | 407                 | 743           | 11 493          | 60 404                | 50 107                            | 110 158                            | 3 706                                |
| 32733   | Concrete pipe, brick, and block manufacturing .....                             | 5              | 9                               | 3                         | 343                 | 12 568            | 216                 | 486           | 7 260           | 41 484                | 34 209                            | 75 668                             | 2 271                                |
| 327331  | Concrete block and brick manufacturing .....                                    | 6              | 8                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331   | Primary metal manufacturing .....   | 1              | 16                              | 11                        | 2 075               | 70 427            | 1 585               | 3 062         | 48 272          | 127 724               | 135 452                           | 264 343                            | 5 762                                |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....                         | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....                         | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111  | Iron and steel mills .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312  | Steel product manufacturing from purchased steel .....                          | —              | 3                               | 3                         | 489                 | 14 926            | 327                 | 591           | 9 690           | 14 782                | 24 337                            | 39 607                             | 1 073                                |
| 33122   | Rolling and drawing of purchased steel .....                                    | —              | 3                               | 3                         | 489                 | 14 926            | 327                 | 591           | 9 690           | 14 782                | 24 337                            | 39 607                             | 1 073                                |
| 331222  | Steel wire drawing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313  | Alumina and aluminum production and processing .....                            | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131   | Alumina and aluminum production and processing ...                              | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315  | Foundries .....   | 5              | 8                               | 5                         | 805                 | 27 482            | 658                 | 1 314         | 19 434          | 49 698                | 36 807                            | 86 270                             | 2 522                                |
| 33151   | Ferrous metal foundries .....   | 8              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331511  | Iron foundries .....  | 8              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                                    | —              | 141                             | 51                        | 4 013               | 152 354           | 2 901               | 5 668         | 94 793          | 388 190               | 303 484                           | 692 941                            | 21 799                               |
| 3321  | Forging and stamping .....  | —              | 5                               | 3                         | 350                 | 13 854            | 241                 | 477           | 8 228           | 30 390                | 24 419                            | 54 953                             | 1 528                                |
| 33211   | Forging and stamping .....  | —              | 5                               | 3                         | 350                 | 13 854            | 241                 | 477           | 8 228           | 30 390                | 24 419                            | 54 953                             | 1 528                                |
| 332116  | Metal stamping .....  | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323  | Architectural and structural metals manufacturing .....                         | —              | 23                              | 13                        | 1 915               | 34 489            | 1 675               | 1 371         | 21 669          | 80 238                | 60 789                            | 143 607                            | 4 459                                |
| 33231   | Plate work and fabricated structural product manufacturing .....                | —              | 9                               | 6                         | 1 356               | 13 233            | 1 275               | 1 553         | 19 062          | 36 456                | 33 647                            | 72 159                             | 2 870                                |
| 332312  | Fabricated structural metal manufacturing .....                                 | —              | 6                               | 3                         | 283                 | 10 631            | 227                 | 451           | 7 468           | 30 801                | 30 821                            | 63 715                             | D                                    |
| 33232   | Ornamental and architectural metal products manufacturing .....                 | —              | 14                              | 7                         | 559                 | 21 256            | 400                 | 818           | 12 607          | 43 782                | 27 142                            | 71 448                             | 1 589                                |
| 332322  | Sheet metal work manufacturing .....  | —              | 10                              | 5                         | 259                 | 9 177             | 207                 | 376           | 6 541           | 17 313                | 6 358                             | 23 818                             | D                                    |
| 3324  | Boiler, tank, and shipping container manufacturing .....                        | —              | 8                               | 4                         | 652                 | 25 765            | 415                 | 749           | 13 197          | 55 250                | 115 586                           | 167 934                            | 1 603                                |
| 33242   | Metal tank (heavy gauge) manufacturing .....                                    | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332420  | Metal tank (heavy gauge) manufacturing .....                                    | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33243   | Metal can, box, and other metal container (light gauge) manufacturing .....     | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327  | Machine shops; turned product; and screw, nut, and bolt manufacturing .....     | 1              | 61                              | 14                        | 818                 | 26 344            | 606                 | 1 153         | 17 377          | 52 866                | 25 985                            | 79 391                             | 6 470                                |
| 33271   | Machine shops .....   | 1              | 47                              | 10                        | 600                 | 20 343            | 433                 | 841           | 13 197          | 41 688                | 20 755                            | 62 429                             | 5 494                                |
| 332710  | Machine shops .....   | 1              | 47                              | 10                        | 600                 | 20 343            | 433                 | 841           | 13 197          | 41 688                | 20 755                            | 62 429                             | 5 494                                |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>York-Hanover, PA Metropolitan Statistical Area—Con.</b>  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3328       | Coating, engraving, heat treating, and allied activities .....  | -  | 13                              | 6                         | 272                 | 9 430             | 199                 | 356           | 5 327           | 18 350                | 6 443                             | 24 856                             | 749                                  |
| 33281      | Coating, engraving, heat treating, and allied activities ..   | -  | 13                              | 6                         | 272                 | 9 430             | 199                 | 356           | 5 327           | 18 350                | 6 443                             | 24 856                             | 749                                  |
| 3329       | Other fabricated metal product manufacturing .....  | -  | 20                              | 6                         | 768                 | 33 631            | 599                 | 1 204         | 24 024          | 135 824               | 62 006                            | 198 795                            | 6 257                                |
| 33299      | All other fabricated metal product manufacturing .....  | -  | 19                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332995     | Other ordnance and accessories manufacturing ..   | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....   | -  | 90                              | 44                        | 4 756               | 221 254           | 2 939               | 5 740         | 122 955         | 454 994               | 498 413                           | 949 851                            | 16 824                               |
| 3331       | Agriculture, construction, and mining machinery manufacturing .....   | 2  | 4                               | 2                         | 354                 | 17 190            | 152                 | 266           | 4 944           | 33 634                | 49 014                            | 82 250                             | D                                    |
| 33313      | Mining and oil and gas field machinery manufacturing ....   | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333131     | Mining machinery and equipment manufacturing ..   | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3332       | Industrial machinery manufacturing .....  | -  | 12                              | 7                         | 738                 | 34 951            | 341                 | 724           | 13 258          | 106 109               | 93 441                            | 175 481                            | 1 077                                |
| 33322      | Plastics and rubber industry machinery manufacturing ....   | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333220     | Plastics and rubber industry machinery manufacturing ..   | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33329      | Other industrial machinery manufacturing .....  | -  | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | -  | 13                              | 9                         | 1 539               | 71 233            | 1 156               | 2 031         | 51 149          | 114 240               | 190 814                           | 309 467                            | 2 465                                |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | -  | 13                              | 9                         | 1 539               | 71 233            | 1 156               | 2 031         | 51 149          | 114 240               | 190 814                           | 309 467                            | 2 465                                |
| 333415     | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | -  | 10                              | 9                         | 1 531               | 70 955            | 1 150               | 2 019         | 51 001          | 113 649               | 190 322                           | 308 384                            | 2 449                                |
| 3335       | Metalworking machinery manufacturing .....  | 2  | 31                              | 10                        | 427                 | 16 162            | 307                 | 584           | 10 539          | 41 653                | 15 298                            | 55 103                             | 571                                  |
| 33351      | Metalworking machinery manufacturing .....  | 2  | 31                              | 10                        | 427                 | 16 162            | 307                 | 584           | 10 539          | 41 653                | 15 298                            | 55 103                             | 571                                  |
| 3336       | Engine, turbine, and power transmission equipment manufacturing .....   | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33361      | Engine, turbine, and power transmission equipment manufacturing .....   | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333611     | Turbine and turbine generator set units manufacturing .....   | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339       | Other general purpose machinery manufacturing .....   | -  | 22                              | 12                        | 865                 | 41 328            | 571                 | 1 184         | 23 358          | 90 641                | 74 349                            | 174 619                            | 7 020                                |
| 33399      | All other general purpose machinery manufacturing ....  | 1  | 13                              | 8                         | 673                 | 33 471            | 442                 | 892           | 19 154          | 69 729                | 64 280                            | 143 556                            | 6 054                                |
| 333992     | Welding and soldering equipment manufacturing ..  | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....   | -  | 25                              | 18                        | 2 284               | 92 184            | 1 240               | 2 423         | 33 263          | 165 604               | 139 867                           | 314 172                            | 25 263                               |
| 3344       | Semiconductor and other electronic component manufacturing .....  | 1  | 15                              | 11                        | 1 666               | 67 734            | 859                 | 1 643         | 23 030          | 86 642                | 84 598                            | 175 703                            | 22 614                               |
| 33441      | Semiconductor and other electronic component manufacturing .....  | 1  | 15                              | 11                        | 1 666               | 67 734            | 859                 | 1 643         | 23 030          | 86 642                | 84 598                            | 175 703                            | 22 614                               |
| 334417     | Electronic connector manufacturing .....  | -  | 5                               | 5                         | 1 107               | 48 431            | 504                 | 953           | 15 154          | 43 302                | 49 987                            | 94 316                             | D                                    |
| 334419     | Other electronic component manufacturing .....  | 2  | 6                               | 4                         | 386                 | 15 545            | 206                 | 404           | 5 692           | 35 841                | 29 583                            | 69 392                             | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA—Con.</b>                    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>York-Hanover, PA Metropolitan Statistical Area—Con.</b>                           |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334        | Computer and electronic product manufacturing—Con.                                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —              | 7                               | 6                         | 571                 | 22 557            | 362                 | 742           | 9 757           | 73 306                | 50 656                            | 128 114                            | 2 554                                |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...   | —              | 7                               | 6                         | 571                 | 22 557            | 362                 | 742           | 9 757           | 73 306                | 50 656                            | 128 114                            | 2 554                                |
| 335        | Electrical equipment, appliance, and component manufacturing .....                   | 1              | 13                              | 7                         | 766                 | 30 450            | 501                 | 1 086         | 17 998          | 71 206                | 82 672                            | 154 253                            | 2 800                                |
| 3351       | Electric lighting equipment manufacturing .....                                      | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33511      | Electric lamp bulb and part manufacturing .....                                      | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335110     | Electric lamp bulb and part manufacturing .....                                      | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....   | —              | 19                              | 13                        | 5 704               | 256 743           | 4 377               | 9 075         | 182 182         | 1 134 712             | 866 712                           | 1 950 572                          | D                                    |
| 3363       | Motor vehicle parts manufacturing .....  | —              | 13                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 21 349                               |
| 33633      | Motor vehicle steering and suspension component (except spring) manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336330     | Motor vehicle steering and suspension component (except spring) manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33636      | Motor vehicle seating and interior trim manufacturing ...                            | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336360     | Motor vehicle seating and interior trim manufacturing ..                             | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33639      | Other motor vehicle parts manufacturing .....  | —              | 7                               | 3                         | 361                 | 13 588            | 248                 | 429           | 6 682           | 43 609                | 57 222                            | 100 706                            | 1 634                                |
| 3369       | Other transportation equipment manufacturing .....                                   | —              | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33699      | Other transportation equipment manufacturing .....                                   | —              | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336991     | Motorcycle, bicycle, and parts manufacturing .....                                   | —              | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336992     | Military armored vehicle, tank, and tank component manufacturing .....               | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....                                    | 1              | 41                              | 15                        | 1 447               | 42 516            | 1 156               | 2 246         | 29 442          | 113 450               | 82 233                            | 193 024                            | 11 566                               |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing .....        | 1              | 31                              | 12                        | 1 071               | 30 429            | 855                 | 1 621         | 20 962          | 81 156                | 65 893                            | 147 071                            | 9 521                                |
| 33711      | Wood kitchen cabinet and countertop manufacturing ....                               | —              | 13                              | 5                         | 494                 | 14 116            | 395                 | 737           | 9 952           | 44 932                | 20 451                            | 65 469                             | 1 658                                |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                                 | —              | 13                              | 5                         | 494                 | 14 116            | 395                 | 737           | 9 952           | 44 932                | 20 451                            | 65 469                             | 1 658                                |
| 33712      | Household and institutional furniture manufacturing .....                            | 2              | 18                              | 7                         | 577                 | 16 313            | 460                 | 884           | 11 010          | 36 224                | 45 442                            | 81 602                             | 7 863                                |
| 3372       | Office furniture (including fixtures) manufacturing .....                            | 1              | 10                              | 3                         | 376                 | 12 087            | 301                 | 625           | 8 480           | 32 294                | 16 340                            | 45 953                             | 2 045                                |
| 33721      | Office furniture (including fixtures) manufacturing .....                            | 1              | 10                              | 3                         | 376                 | 12 087            | 301                 | 625           | 8 480           | 32 294                | 16 340                            | 45 953                             | 2 045                                |
| 339        | Miscellaneous manufacturing .....  | 1              | 40                              | 13                        | 1 945               | 67 961            | 1 374               | 2 904         | 36 998          | 202 473               | 99 651                            | 301 279                            | 7 851                                |
| 3391       | Medical equipment and supplies manufacturing .....                                   | —              | 17                              | 5                         | 1 069               | 40 752            | 710                 | 1 545         | 19 618          | 132 193               | 50 308                            | 182 005                            | 6 370                                |
| 33911      | Medical equipment and supplies manufacturing .....                                   | —              | 17                              | 5                         | 1 069               | 40 752            | 710                 | 1 545         | 19 618          | 132 193               | 50 308                            | 182 005                            | 6 370                                |
| 339114     | Dental equipment and supplies manufacturing ....                                     | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339116     | Dental laboratories .....  | —              | 7                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399       | Other miscellaneous manufacturing .....  | 3              | 23                              | 8                         | 876                 | 27 209            | 664                 | 1 359         | 17 380          | 70 280                | 49 343                            | 119 274                            | 1 481                                |
| 33999      | All other miscellaneous manufacturing .....  | —              | 11                              | 4                         | 499                 | 16 207            | 417                 | 885           | 11 802          | 40 379                | 23 780                            | 63 626                             | 753                                  |
| 339995     | Burial casket manufacturing ..   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| NAICS code   | Geographic area and industry                                     | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....  | -              | 1 079                           | 360                       | '50 873             | '2 209 346        | '38 799             | '77 839       | '1 550 120      | '5 883 292            | '8 807 906                        | '14 688 084                        | '265 818                             |
| 311  | Food manufacturing .....   | -              | 64                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113   | Sugar and confectionery product manufacturing .....              | 3              | 9                               | 3                         | 252                 | 7 307             | 174                 | 378           | 3 755           | 19 877                | 19 618                            | 39 025                             | 800                                  |
| 3115   | Dairy product manufacturing .....                                | -              | 4                               | 2                         | 406                 | 22 496            | 203                 | 440           | 7 755           | 51 523                | 143 007                           | 193 664                            | 4 140                                |
| 31151  | Dairy product (except frozen) manufacturing .....                | -              | 4                               | 2                         | 406                 | 22 496            | 203                 | 440           | 7 755           | 51 523                | 143 007                           | 193 664                            | 4 140                                |
| 311511   | Fluid milk manufacturing .....                                   | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116   | Animal slaughtering and processing .....                         | -              | 11                              | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161  | Animal slaughtering and processing .....                         | -              | 11                              | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311612   | Meat processed from carcasses .....                              | -              | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118   | Bakeries and tortilla manufacturing .....                        | -              | 30                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181  | Bread and bakery product manufacturing .....                     | -              | 29                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812   | Commercial bakeries .....  | -              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182  | Cookie, cracker, and pasta manufacturing .....                   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821   | Cookie and cracker manufacturing .....                           | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314  | Textile product mills .....                                      | 1              | 14                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141   | Textile furnishings mills .....                                  | -              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412  | Curtain and linen mills .....                                    | -              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129   | Other household textile product mills .....                      | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321  | Wood product manufacturing .....                                 | -              | 39                              | 13                        | 979                 | 25 597            | 777                 | 1 577         | 17 845          | 67 934                | 66 765                            | 134 651                            | 3 186                                |
| 3212   | Veneer, plywood, and engineered wood product manufacturing ..... | -              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32121  | Veneer, plywood, and engineered wood product manufacturing ..... | -              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219   | Other wood product manufacturing .....                           | -              | 29                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191  | Millwork .....   | -              | 12                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322  | Paper manufacturing .....  | 1              | 12                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222   | Converted paper product manufacturing .....                      | 1              | 12                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223  | Stationery product manufacturing .....                           | -              | 4                               | 3                         | 254                 | 5 501             | 227                 | 515           | 4 564           | 15 500                | 12 013                            | 27 963                             | D                                    |
| 323  | Printing and related support activities .....                    | 1              | 68                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 403                                |
| 3231   | Printing and related support activities .....                    | 1              | 68                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 403                                |
| 32311  | Printing .....   | 1              | 65                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110   | Commercial lithographic printing .....                           | -              | 32                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325  | Chemical manufacturing .....                                     | 4              | 24                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326  | Plastics and rubber products manufacturing .....                 | 1              | 64                              | 32                        | 3 389               | 103 670           | 2 615               | 5 413         | 71 012          | 236 406               | 231 491                           | 466 666                            | 15 382                               |
| 3261   | Plastics product manufacturing ..                                | 1              | 50                              | 26                        | 2 591               | 74 082            | 1 959               | 4 012         | 50 072          | 154 141               | 189 670                           | 342 852                            | 13 385                               |
| 32619  | Other plastics product manufacturing .....                       | -              | 31                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199   | All other plastics product manufacturing .....                   | -              | 30                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262   | Rubber product manufacturing ...                                 | -              | 14                              | 6                         | 798                 | 29 588            | 656                 | 1 401         | 20 940          | 82 265                | 41 821                            | 123 814                            | 1 997                                |
| 32621  | Tire manufacturing .....   | -              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326211   | Tire manufacturing (except retreading) .....                     | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629  | Other rubber product manufacturing .....                         | 1              | 9                               | 4                         | 381                 | 14 240            | 319                 | 675           | 10 676          | 27 286                | 19 711                            | 46 907                             | D                                    |
| 326291   | Rubber product manufacturing for mechanical use .....            | -              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA—Con.</b>                 |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327        | Nonmetallic mineral product manufacturing .....   | 2  | 75                              | 28                        | 2 281               | 75 507            | 1 872               | 3 570         | 55 997          | 169 546               | 95 599                            | 266 381                            | 12 212                               |
| 3271       | Clay product and refractory manufacturing .....   | 3  | 27                              | 15                        | 1 359               | 40 373            | 1 131               | 2 140         | 29 336          | 85 008                | 43 909                            | 129 913                            | 3 643                                |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing .....                                   | 1  | 12                              | 7                         | 928                 | 23 972            | 811                 | 1 489         | 18 062          | 40 191                | 13 279                            | 54 163                             | D                                    |
| 327112     | Vitreous china, fine earthenware, and other pottery product manufacturing .....               | 1  | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32712      | Clay building material and refractories manufacturing....                                     | 4  | 15                              | 8                         | 431                 | 16 401            | 320                 | 651           | 11 274          | 44 817                | 30 630                            | 75 750                             | D                                    |
| 327125     | Nonclay refractory manufacturing .....  | 7  | 9                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272       | Glass and glass product manufacturing .....   | 1  | 9                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721      | Glass and glass product manufacturing .....   | 1  | 9                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273       | Cement and concrete product manufacturing .....   | 1  | 28                              | 5                         | 363                 | 10 469            | 270                 | 521           | 7 216           | 25 203                | 20 995                            | 46 352                             | D                                    |
| 331        | Primary metal manufacturing .....   | '1 | '65                             | '49                       | '8 840              | '378 646          | '6 865              | '14 146       | '271 009        | '1 140 198            | '2 017 692                        | '3 158 565                         | '58 581                              |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....                                       | —  | 13                              | 11                        | 3 366               | 166 972           | 2 546               | 5 279         | 121 236         | 454 482               | 910 087                           | 1 346 686                          | 18 383                               |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....                                       | —  | 13                              | 11                        | 3 366               | 166 972           | 2 546               | 5 279         | 121 236         | 454 482               | 910 087                           | 1 346 686                          | 18 383                               |
| 331111     | Iron and steel mills .....  | —  | 13                              | 11                        | 3 366               | 166 972           | 2 546               | 5 279         | 121 236         | 454 482               | 910 087                           | 1 346 686                          | 18 383                               |
| 3312       | Steel product manufacturing from purchased steel .....  | '4 | '14                             | '14                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33121      | Iron and steel pipe and tube manufacturing from purchased steel .....                         | '5 | '11                             | '11                       | '1 840              | '77 638           | '1 468              | '2 882        | '58 796         | '309 330              | '499 839                          | '828 105                           | '13 977                              |
| 331210     | Iron and steel pipe and tube manufacturing from purchased steel .....                         | '5 | '11                             | '11                       | '1 840              | '77 638           | '1 468              | '2 882        | '58 796         | '309 330              | '499 839                          | '828 105                           | '13 977                              |
| 33122      | Rolling and drawing of purchased steel .....  | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331221     | Rolled steel shape manufacturing .....  | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313       | Alumina and aluminum production and processing .....  | 1  | 16                              | 12                        | 1 846               | 54 823            | 1 560               | 3 215         | 39 840          | 177 389               | 382 261                           | 561 886                            | 8 934                                |
| 33131      | Alumina and aluminum production and processing ...  | 1  | 16                              | 12                        | 1 846               | 54 823            | 1 560               | 3 215         | 39 840          | 177 389               | 382 261                           | 561 886                            | 8 934                                |
| 331316     | Aluminum extruded product manufacturing .....   | 3  | 12                              | 9                         | 1 622               | 42 550            | 1 401               | 2 880         | 32 812          | 115 758               | 176 038                           | 291 911                            | 7 003                                |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                            | —  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying ..... | —  | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331491     | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....           | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315       | Foundries .....   | 4  | 17                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151      | Ferrous metal foundries .....   | 5  | 10                              | 5                         | 497                 | 16 434            | 387                 | 830           | 11 600          | 30 950                | 22 068                            | 52 925                             | D                                    |
| 331511     | Iron foundries .....  | 5  | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....  | 1  | '285                            | '93                       | '8 824              | '328 802          | '6 423              | '13 156       | '202 665        | '761 013              | '926 880                          | '1 681 588                         | '53 270                              |
| 3321       | Forging and stamping.....   | —  | 21                              | 15                        | 1 351               | 50 682            | 1 054               | 2 065         | 34 007          | 105 105               | 209 668                           | 317 721                            | D                                    |
| 33211      | Forging and stamping.....   | —  | 21                              | 15                        | 1 351               | 50 682            | 1 054               | 2 065         | 34 007          | 105 105               | 209 668                           | 317 721                            | D                                    |
| 332111     | Iron and steel forging .....  | —  | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332114     | Custom roll forming .....   | —  | 6                               | 4                         | 534                 | 18 279            | 424                 | 749           | 12 296          | 61 123                | 123 000                           | 184 621                            | 2 702                                |
| 332116     | Metal stamping .....  | 2  | 10                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323       | Architectural and structural metals manufacturing .....                                       | 2  | 67                              | 27                        | 1 624               | 58 522            | 1 144               | 2 338         | 34 037          | 145 231               | 160 924                           | 305 395                            | D                                    |
| 33231      | Plate work and fabricated structural product manufacturing .....                              | 5  | 38                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332312     | Fabricated structural metal manufacturing .....   | 6  | 20                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232      | Ornamental and architectural metal products manufacturing .....                               | —  | 29                              | 14                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332323     | Ornamental and architectural metal work manufacturing ..                                      | —  | 8                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA—Con.</b>                      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3324       | Boiler, tank, and shipping container manufacturing .....   | 1              | 14                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....                        | 1              | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332439     | Other metal container manufacturing .....  | 2              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327       | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                        | 2              | 97                              | 17                        | 1 521               | '48 461           | 1 078               | 2 047         | '31 186         | 94 333                | 48 875                            | 142 642                            | D                                    |
| 33271      | Machine shops .....  | 2              | 92                              | 15                        | 1 382               | '45 061           | 1 002               | 1 896         | '28 920         | 89 337                | 43 971                            | 133 160                            | D                                    |
| 332710     | Machine shops .....  | 2              | 92                              | 15                        | 1 382               | '45 061           | 1 002               | 1 896         | '28 920         | 89 337                | 43 971                            | 133 160                            | D                                    |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                     | —              | 32                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33281      | Coating, engraving, heat treating, and allied activities ..  | —              | 32                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..  | —              | 14                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                  | —              | 9                               | 5                         | 265                 | 9 426             | 208                 | 407           | 6 358           | 22 579                | 5 421                             | 27 823                             | D                                    |
| 3329       | Other fabricated metal product manufacturing .....   | —              | '39                             | '13                       | '2 617              | '108 511          | '1 795              | '3 949        | '59 321         | '243 188              | '218 321                          | '457 709                           | '13 978                              |
| 33299      | All other fabricated metal product manufacturing .....   | —              | '35                             | '11                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332998     | Enameled iron and metal sanitary ware manufacturing .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                               | '1             | '20                             | '8                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....  | 3              | 136                             | 38                        | 3 106               | 116 644           | 2 112               | 4 219         | 69 302          | 231 666               | 136 131                           | 368 086                            | 14 661                               |
| 3332       | Industrial machinery manufacturing .....   | 4              | 11                              | 4                         | 259                 | 9 029             | 206                 | 452           | 6 621           | 17 321                | 11 422                            | 30 422                             | D                                    |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 9              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 9              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333414     | Heating equipment (except warm air furnaces) manufacturing .....                                   | 9              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3335       | Metalworking machinery manufacturing .....   | 3              | 65                              | 18                        | 1 110               | 42 556            | 818                 | 1 590         | 28 587          | 79 902                | 40 514                            | 118 979                            | 4 765                                |
| 33351      | Metalworking machinery manufacturing .....   | 3              | 65                              | 18                        | 1 110               | 42 556            | 818                 | 1 590         | 28 587          | 79 902                | 40 514                            | 118 979                            | 4 765                                |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....                                | 4              | 36                              | 10                        | 561                 | 23 107            | 474                 | 976           | 17 350          | 46 156                | 21 187                            | 65 558                             | D                                    |
| 3339       | Other general purpose machinery manufacturing .....  | —              | 40                              | 11                        | 1 140               | 44 656            | 666                 | 1 273         | 20 887          | 82 903                | 42 494                            | 125 779                            | D                                    |
| 33399      | All other general purpose machinery manufacturing ....   | —              | 28                              | 6                         | 847                 | 34 711            | 457                 | 858           | 15 107          | 57 363                | 28 732                            | 87 541                             | D                                    |
| 333996     | Fluid power pump and motor manufacturing .....   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....  | 1              | 20                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....                                 | —              | 19                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3351       | Electric lighting equipment manufacturing .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33511      | Electric lamp bulb and part manufacturing .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335110     | Electric lamp bulb and part manufacturing .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353       | Electrical equipment manufacturing .....   | —              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 662                                  |
| 33531      | Electrical equipment manufacturing .....   | —              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 662                                  |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335   | Electrical equipment, appliance, and component manufacturing—Con.                  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3359  | Other electrical equipment and component manufacturing . . . . .                   | —              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599   | All other electrical equipment and component manufacturing . . . . .               | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335999  | All other miscellaneous electrical equipment and component manufacturing . . . . . | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336   | Transportation equipment manufacturing . . . . .                                   | —              | 48                              | 29                        | 15 322              | 891 726           | 12 259              | 24 293        | 690 136         | 2 387 876             | 4 585 677                         | 6 985 471                          | D                                    |
| 3361  | Motor vehicle manufacturing . . . . .  | —              | 3                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33611   | Automobile and light duty motor vehicle manufacturing . . . . .                    | —              | 2                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336111  | Automobile manufacturing . . . . .   | —              | 2                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362  | Motor vehicle body and trailer manufacturing . . . . .                             | 7              | 13                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621   | Motor vehicle body and trailer manufacturing . . . . .                             | 7              | 13                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211  | Motor vehicle body manufacturing . . . . .   | 7              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363  | Motor vehicle parts manufacturing . . . . .  | —              | 25                              | 20                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 30 228                               |
| 33632   | Motor vehicle electrical and electronic equipment manufacturing . . . . .          | —              | 5                               | 5                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322  | Other motor vehicle electrical and electronic equipment manufacturing . . . . .    | —              | 4                               | 4                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33636   | Motor vehicle seating and interior trim manufacturing . . . . .                    | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336360  | Motor vehicle seating and interior trim manufacturing . . . . .                    | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33637   | Motor vehicle metal stamping . . . . .   | —              | 11                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336370  | Motor vehicle metal stamping . . . . .   | —              | 11                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365  | Railroad rolling stock manufacturing . . . . .                                     | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651   | Railroad rolling stock manufacturing . . . . .                                     | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510  | Railroad rolling stock manufacturing . . . . .                                     | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337   | Furniture and related product manufacturing . . . . .                              | 1              | 51                              | 7                         | 559                 | 14 691            | 469                 | 928           | 10 883          | 36 704                | 33 349                            | 69 124                             | 2 479                                |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing . . . . .  | 1              | 41                              | 5                         | 442                 | 11 354            | 375                 | 729           | 8 739           | 29 248                | 30 006                            | 58 265                             | 1 978                                |
| 33712   | Household and institutional furniture manufacturing . . . . .                      | 1              | 19                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing . . . . .  | 2              | 67                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391  | Medical equipment and supplies manufacturing . . . . .                             | 5              | 28                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911   | Medical equipment and supplies manufacturing . . . . .                             | 5              | 28                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing . . . . .  | 1              | 39                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33999   | All other miscellaneous manufacturing . . . . .                                    | 1              | 16                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>East Liverpool-Salem, OH Micropolitan Statistical Area</b>                 |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing . . . . .  | 1              | 210                             | 66                        | 7 106               | 232 568           | 5 583               | 11 582        | 161 456         | 520 557               | 618 425                           | 1 136 529                          | 47 648                               |
| 311   | Food manufacturing . . . . .   | —              | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116  | Animal slaughtering and processing . . . . .                                       | —              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161   | Animal slaughtering and processing . . . . .                                       | —              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311612  | Meat processed from carcasses . . . . .  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322   | Paper manufacturing . . . . .  | 1              | 7                               | 4                         | 308                 | 7 776             | 265                 | 594           | 5 683           | 19 715                | 17 488                            | 37 565                             | 2 230                                |
| 3222  | Converted paper product manufacturing . . . . .                                    | 1              | 7                               | 4                         | 308                 | 7 776             | 265                 | 594           | 5 683           | 19 715                | 17 488                            | 37 565                             | 2 230                                |
| 32223   | Stationery product manufacturing . . . . .   | —              | 4                               | 3                         | 254                 | 5 501             | 227                 | 515           | 4 564           | 15 500                | 12 013                            | 27 963                             | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA—Con.</b>   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>East Liverpool-Salem, OH Micropolitan Statistical Area—Con.</b>              |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326        | Plastics and rubber products manufacturing .....                                | —              | 4                               | 3                         | 769                 | 21 359            | 639                 | 1 467         | 17 908          | 39 895                | 50 285                            | 89 643                             | 2 298                                |
| 3261       | Plastics product manufacturing ..   | —              | 4                               | 3                         | 769                 | 21 359            | 639                 | 1 467         | 17 908          | 39 895                | 50 285                            | 89 643                             | 2 298                                |
| 32619      | Other plastics product manufacturing .....                                      | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199     | All other plastics product manufacturing .....                                  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....                                 | 4              | 29                              | 10                        | 1 236               | 35 101            | 1 045               | 1 981         | 26 652          | 67 041                | 34 802                            | 103 254                            | 4 770                                |
| 3271       | Clay product and refractory manufacturing .....                                 | 4              | 15                              | 9                         | 1 112               | 30 829            | 958                 | 1 802         | 23 819          | 56 998                | 25 885                            | 83 947                             | 1 599                                |
| 32711      | Pottery, ceramics, and plumbing fixture manufacturing .....                     | 1              | 7                               | 5                         | 863                 | 22 473            | 758                 | 1 394         | 16 982          | 37 250                | 12 071                            | 49 958                             | 705                                  |
| 327112     | Vitreous china, fine earthenware, and other pottery product manufacturing ..... | 1              | 7                               | 5                         | 863                 | 22 473            | 758                 | 1 394         | 16 982          | 37 250                | 12 071                            | 49 958                             | 705                                  |
| 331        | Primary metal manufacturing .....   | 2              | 13                              | 7                         | 456                 | 13 767            | 362                 | 820           | 10 086          | 31 022                | 41 078                            | 72 230                             | 1 001                                |
| 3315       | Foundries .....   | 6              | 10                              | 4                         | 320                 | 10 438            | 255                 | 579           | 7 552           | 18 856                | 12 430                            | 31 249                             | 499                                  |
| 33151      | Ferrous metal foundries .....   | 5              | 6                               | 3                         | 278                 | 8 993             | 220                 | 508           | 6 520           | 15 694                | 10 650                            | 26 307                             | 385                                  |
| 332        | Fabricated metal product manufacturing .....                                    | 1              | 57                              | 14                        | 1 751               | 68 147            | 1 302               | 2 662         | 45 900          | 181 831               | 159 082                           | 336 274                            | 23 236                               |
| 3329       | Other fabricated metal product manufacturing .....                              | —              | 11                              | 5                         | 1 121               | 44 921            | 791                 | 1 713         | 28 837          | 134 362               | 117 473                           | 246 656                            | 6 136                                |
| 33299      | All other fabricated metal product manufacturing .....                          | —              | 10                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332998     | Enameled iron and metal sanitary ware manufacturing .....                       | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....   | 2              | 35                              | 13                        | 1 014               | 37 649            | 667                 | 1 401         | 22 679          | 73 843                | 50 538                            | 125 542                            | 2 826                                |
| 3335       | Metalworking machinery manufacturing .....                                      | 6              | 12                              | 3                         | 382                 | 16 480            | 248                 | 503           | 10 818          | 30 044                | 16 103                            | 45 568                             | 755                                  |
| 33351      | Metalworking machinery manufacturing .....                                      | 6              | 12                              | 3                         | 382                 | 16 480            | 248                 | 503           | 10 818          | 30 044                | 16 103                            | 45 568                             | 755                                  |
| 3339       | Other general purpose machinery manufacturing .....                             | —              | 10                              | 4                         | 334                 | 12 365            | 202                 | 415           | 6 205           | 26 222                | 18 290                            | 44 912                             | 1 117                                |
| 336        | Transportation equipment manufacturing .....                                    | 1              | 11                              | 6                         | 359                 | 16 273            | 277                 | 644           | 9 977           | 24 204                | 38 003                            | 60 938                             | 2 235                                |
| 3363       | Motor vehicle parts manufacturing .....   | —              | 7                               | 5                         | 311                 | 14 788            | 236                 | 556           | 8 850           | 21 809                | 34 239                            | 54 779                             | 2 163                                |
|            | <b>Youngstown-Warren-Boardman, OH-PA Metropolitan Statistical Area</b>          |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....   | —              | 869                             | 294                       | 143 767             | 11 976 778        | 133 216             | 166 257       | 11 388 664      | 15 362 735            | 18 189 481                        | 113 551 555                        | 218 170                              |
| 311        | Food manufacturing .....  | —              | 58                              | 12                        | 1 700               | 64 192            | 1 059               | 1 871         | 28 845          | 175 954               | 205 338                           | 377 694                            | 11 971                               |
| 3113       | Sugar and confectionery product manufacturing .....                             | 3              | 9                               | 3                         | 252                 | 7 307             | 174                 | 378           | 3 755           | 19 877                | 19 618                            | 39 025                             | 800                                  |
| 3115       | Dairy product manufacturing .....   | —              | 4                               | 2                         | 406                 | 22 496            | 203                 | 440           | 7 755           | 51 523                | 143 007                           | 193 664                            | 4 140                                |
| 31151      | Dairy product (except frozen) manufacturing .....                               | —              | 4                               | 2                         | 406                 | 22 496            | 203                 | 440           | 7 755           | 51 523                | 143 007                           | 193 664                            | 4 140                                |
| 311511     | Fluid milk manufacturing .....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118       | Bakeries and tortilla manufacturing .....                                       | —              | 29                              | 6                         | 948                 | 31 493            | 607                 | 894           | 15 346          | 97 190                | 25 089                            | 119 981                            | 6 638                                |
| 31181      | Bread and bakery product manufacturing .....                                    | —              | 28                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812     | Commercial bakeries .....   | —              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182      | Cookie, cracker, and pasta manufacturing .....                                  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821     | Cookie and cracker manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314        | Textile product mills .....   | 1              | 12                              | 4                         | 411                 | 10 179            | 364                 | 782           | 8 069           | 15 415                | 37 027                            | 52 337                             | 562                                  |
| 3141       | Textile furnishings mills .....   | —              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412      | Curtain and linen mills .....   | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129     | Other household textile product mills .....                                     | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA—Con.</b> |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Youngstown-Warren-Boardman, OH-PA Metropolitan Statistical Area—Con.</b>   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 321        | Wood product manufacturing .....  | —  | 33                              | 11                        | 872                 | 23 389            | 685                 | 1 393         | 16 238          | 64 138                | 64 080                            | 128 129                            | 3 109                                |
| 3212       | Veneer, plywood, and engineered wood product manufacturing .....              | —  | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32121      | Veneer, plywood, and engineered wood product manufacturing .....              | —  | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219       | Other wood product manufacturing .....  | —  | 24                              | 7                         | 461                 | 12 631            | 360                 | 754           | 9 266           | 38 125                | 50 356                            | 88 492                             | D                                    |
| 32191      | Millwork .....  | —  | 11                              | 4                         | 273                 | 7 822             | 230                 | 494           | 6 394           | 30 218                | 39 663                            | 70 036                             | 1 317                                |
| 323        | Printing and related support activities .....                                 | 1  | 56                              | 12                        | 991                 | 34 107            | 675                 | 1 366         | 20 741          | 59 922                | 47 259                            | 107 603                            | 3 299                                |
| 3231       | Printing and related support activities .....                                 | 1  | 56                              | 12                        | 991                 | 34 107            | 675                 | 1 366         | 20 741          | 59 922                | 47 259                            | 107 603                            | 3 299                                |
| 32311      | Printing .....  | 1  | 54                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110     | Commercial lithographic printing .....  | —  | 26                              | 7                         | 458                 | 17 267            | 321                 | 634           | 10 982          | 26 311                | 23 429                            | 50 161                             | 1 137                                |
| 326        | Plastics and rubber products manufacturing .....                              | 1  | 60                              | 29                        | 2 620               | 82 311            | 1 976               | 3 946         | 53 104          | 196 511               | 181 206                           | 377 023                            | 13 084                               |
| 3261       | Plastics product manufacturing ..   | 1  | 46                              | 23                        | 1 822               | 52 723            | 1 320               | 2 545         | 32 164          | 114 246               | 139 385                           | 253 209                            | 11 087                               |
| 32619      | Other plastics product manufacturing .....                                    | —  | 28                              | 16                        | 1 332               | 36 482            | 1 008               | 1 942         | 24 014          | 87 784                | 109 318                           | 197 063                            | 7 972                                |
| 326199     | All other plastics product manufacturing .....                                | —  | 27                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262       | Rubber product manufacturing ...  | —  | 14                              | 6                         | 798                 | 29 588            | 656                 | 1 401         | 20 940          | 82 265                | 41 821                            | 123 814                            | 1 997                                |
| 32621      | Tire manufacturing .....  | —  | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326211     | Tire manufacturing (except retreading) .....                                  | —  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629      | Other rubber product manufacturing .....                                      | 1  | 9                               | 4                         | 381                 | 14 240            | 319                 | 675           | 10 676          | 27 286                | 19 711                            | 46 907                             | D                                    |
| 326291     | Rubber product manufacturing for mechanical use .....                         | —  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327        | Nonmetallic mineral product manufacturing .....                               | 1  | 46                              | 18                        | 1 045               | 40 406            | 827                 | 1 589         | 29 345          | 102 505               | 60 797                            | 163 127                            | 7 442                                |
| 3272       | Glass and glass product manufacturing .....                                   | 1  | 7                               | 6                         | 414                 | 19 779            | 372                 | 718           | 16 704          | 47 188                | 21 245                            | 68 179                             | 2 925                                |
| 32721      | Glass and glass product manufacturing .....                                   | 1  | 7                               | 6                         | 414                 | 19 779            | 372                 | 718           | 16 704          | 47 188                | 21 245                            | 68 179                             | 2 925                                |
| 3273       | Cement and concrete product manufacturing .....                               | —  | 21                              | 5                         | 314                 | 8 538             | 236                 | 445           | 5 822           | 20 517                | 15 792                            | 36 463                             | 2 240                                |
| 331        | Primary metal manufacturing .....   | '1 | '52                             | '42                       | '8 384              | '364 879          | '6 503              | '13 326       | '260 923        | '1 109 176            | '1 976 614                        | '3 086 335                         | '57 580                              |
| 3311       | Iron and steel mills and ferroalloy manufacturing .....                       | —  | 13                              | 11                        | 3 366               | 166 972           | 2 546               | 5 279         | 121 236         | 454 482               | 910 087                           | 1 346 686                          | 18 383                               |
| 33111      | Iron and steel mills and ferroalloy manufacturing .....                       | —  | 13                              | 11                        | 3 366               | 166 972           | 2 546               | 5 279         | 121 236         | 454 482               | 910 087                           | 1 346 686                          | 18 383                               |
| 331111     | Iron and steel mills .....  | —  | 13                              | 11                        | 3 366               | 166 972           | 2 546               | 5 279         | 121 236         | 454 482               | 910 087                           | 1 346 686                          | 18 383                               |
| 3312       | Steel product manufacturing from purchased steel .....                        | '4 | '11                             | '11                       | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33121      | Iron and steel pipe and tube manufacturing from purchased steel .....         | '5 | '8                              | '8                        | '1 704              | '74 309           | '1 361              | '2 641        | '56 262         | '297 164              | '471 191                          | '787 124                           | '13 475                              |
| 331210     | Iron and steel pipe and tube manufacturing from purchased steel .....         | '5 | '8                              | '8                        | '1 704              | '74 309           | '1 361              | '2 641        | '56 262         | '297 164              | '471 191                          | '787 124                           | '13 475                              |
| 33122      | Rolling and drawing of purchased steel .....                                  | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331221     | Rolled steel shape manufacturing .....  | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313       | Alumina and aluminum production and processing .....                          | 1  | 16                              | 12                        | 1 846               | 54 823            | 1 560               | 3 215         | 39 840          | 177 389               | 382 261                           | 561 886                            | 8 934                                |
| 33131      | Alumina and aluminum production and processing ...                            | 1  | 16                              | 12                        | 1 846               | 54 823            | 1 560               | 3 215         | 39 840          | 177 389               | 382 261                           | 561 886                            | 8 934                                |
| 331316     | Aluminum extruded product manufacturing .....                                 | 3  | 12                              | 9                         | 1 622               | 42 550            | 1 401               | 2 880         | 32 812          | 115 758               | 176 038                           | 291 911                            | 7 003                                |

See footnotes at end of table.



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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA—Con.</b>                      |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Youngstown-Warren-Boardman, OH-PA Metropolitan Statistical Area—Con.</b>                        |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331        | Primary metal manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3314       | Nonferrous metal (except aluminum) production and processing .....                                 | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149      | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....      | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331491     | Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....                | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315       | Foundries .....  | 3              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332        | Fabricated metal product manufacturing .....   | 1              | '228                            | '79                       | '7 073              | '260 655          | '5 121              | '10 494       | '156 765        | '579 182              | '767 798                          | '1 345 314                         | '30 034                              |
| 3321       | Forging and stamping.....  | —              | 16                              | 12                        | 1 138               | 41 313            | 868                 | 1 687         | 26 047          | 89 226                | 187 654                           | 279 827                            | 4 664                                |
| 33211      | Forging and stamping.....  | —              | 16                              | 12                        | 1 138               | 41 313            | 868                 | 1 687         | 26 047          | 89 226                | 187 654                           | 279 827                            | 4 664                                |
| 332114     | Custom roll forming .....  | —              | 6                               | 4                         | 534                 | 18 279            | 424                 | 749           | 12 296          | 61 123                | 123 000                           | 184 621                            | 2 702                                |
| 332116     | Metal stamping .....   | 2              | 6                               | 5                         | 379                 | 13 260            | 294                 | 615           | 8 714           | 22 659                | 25 498                            | 47 908                             | D                                    |
| 3323       | Architectural and structural metals manufacturing .....  | 2              | 55                              | 21                        | 1 402               | 51 173            | 971                 | 2 017         | 29 296          | 129 512               | 148 203                           | 276 641                            | 3 401                                |
| 33231      | Plate work and fabricated structural product manufacturing .....                                   | 5              | 28                              | 9                         | 634                 | 22 811            | 454                 | 950           | 14 148          | 53 646                | 55 132                            | 108 829                            | 1 745                                |
| 332312     | Fabricated structural metal manufacturing .....  | 6              | 16                              | 7                         | 508                 | 18 345            | 360                 | 778           | 11 064          | 42 562                | 47 719                            | 90 647                             | 1 365                                |
| 33232      | Ornamental and architectural metal products manufacturing .....                                    | —              | 27                              | 12                        | 768                 | 28 362            | 517                 | 1 067         | 15 148          | 75 866                | 93 071                            | 167 812                            | 1 656                                |
| 332323     | Ornamental and architectural metal work manufacturing ..   | —              | 7                               | 4                         | 350                 | 12 531            | 252                 | 512           | 7 366           | 38 913                | 65 213                            | 103 171                            | 911                                  |
| 3324       | Boiler, tank, and shipping container manufacturing .....   | 1              | 12                              | 8                         | 656                 | 26 909            | 532                 | 1 165         | 19 213          | 71 254                | 93 813                            | 166 891                            | 2 387                                |
| 33243      | Metal can, box, and other metal container (light gauge) manufacturing .....                        | 1              | 7                               | 5                         | 537                 | 22 747            | 443                 | 960           | 16 400          | 62 013                | 83 508                            | 146 326                            | D                                    |
| 332439     | Other metal container manufacturing .....  | 2              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327       | Machine shops: turned product; and screw, nut, and bolt manufacturing .....                        | 1              | 76                              | 17                        | 1 378               | '43 845           | 966                 | 1 864         | '27 998         | 83 048                | 44 159                            | 126 645                            | 3 867                                |
| 33271      | Machine shops .....  | 1              | 71                              | 15                        | 1 239               | '40 445           | 890                 | 1 713         | '25 732         | 78 052                | 39 255                            | 117 163                            | 3 317                                |
| 332710     | Machine shops .....  | 1              | 71                              | 15                        | 1 239               | '40 445           | 890                 | 1 713         | '25 732         | 78 052                | 39 255                            | 117 163                            | 3 317                                |
| 3328       | Coating, engraving, heat treating, and allied activities .....                                     | —              | 30                              | 13                        | 940                 | 31 199            | 729                 | 1 419         | 21 960          | 91 866                | 185 209                           | 270 849                            | 7 367                                |
| 33281      | Coating, engraving, heat treating, and allied activities ..  | —              | 30                              | 13                        | 940                 | 31 199            | 729                 | 1 419         | 21 960          | 91 866                | 185 209                           | 270 849                            | 7 367                                |
| 332812     | Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..  | —              | 13                              | 7                         | 600                 | 19 416            | 478                 | 928           | 14 144          | 63 762                | 178 438                           | 236 151                            | 3 931                                |
| 332813     | Electroplating, plating, polishing, anodizing, and coloring .....                                  | —              | 9                               | 5                         | 265                 | 9 426             | 208                 | 407           | 6 358           | 22 579                | 5 421                             | 27 823                             | D                                    |
| 3329       | Other fabricated metal product manufacturing .....   | '1             | '28                             | '8                        | '1 496              | '63 590           | '1 004              | '2 236        | '30 484         | '108 826              | '100 848                          | '211 053                           | '7 842                               |
| 33299      | All other fabricated metal product manufacturing .....   | '1             | '25                             | '7                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332999     | All other miscellaneous fabricated metal product manufacturing .....                               | —              | '17                             | '6                        | '1 298              | '59 382           | '829                | '1 860        | '27 207         | '100 735              | '96 284                           | '198 406                           | D                                    |
| 333        | Machinery manufacturing .....  | 3              | 101                             | 25                        | 2 092               | 78 995            | 1 445               | 2 818         | 46 623          | 157 823               | 85 593                            | 242 544                            | 11 835                               |
| 3334       | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 9              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | 9              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333414     | Heating equipment (except warm air furnaces) manufacturing .....                                   | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA—Con.</b>  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
|            | <b>Youngstown-Warren-Boardman, OH-PA Metropolitan Statistical Area—Con.</b>    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3335       | Metalworking machinery manufacturing .....                                     | 1              | 53                              | 15                        | 728                 | 26 076            | 570                 | 1 087         | 17 769          | 49 858                | 24 411                            | 73 411                             | 4 010                                |
| 33351      | Metalworking machinery manufacturing .....                                     | 1              | 53                              | 15                        | 728                 | 26 076            | 570                 | 1 087         | 17 769          | 49 858                | 24 411                            | 73 411                             | 4 010                                |
| 333514     | Special die and tool, die set, jig, and fixture manufacturing .....            | —              | 30                              | 9                         | 401                 | 13 213            | 345                 | 687           | 10 286          | 26 697                | 8 863                             | 33 870                             | 2 609                                |
| 3339       | Other general purpose machinery manufacturing .....                            | —              | 30                              | 7                         | 806                 | 32 291            | 464                 | 858           | 14 682          | 56 681                | 24 204                            | 80 867                             | D                                    |
| 33399      | All other general purpose machinery manufacturing .....                        | —              | 23                              | 4                         | 697                 | 29 244            | 385                 | 716           | 12 868          | 51 283                | 20 605                            | 72 729                             | D                                    |
| 333996     | Fluid power pump and motor manufacturing .....                                 | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....                            | 1              | 18                              | 8                         | 501                 | 19 807            | 272                 | 545           | 8 386           | 39 744                | 23 553                            | 64 778                             | 1 629                                |
| 335        | Electrical equipment, appliance, and component manufacturing .....             | —              | 17                              | 10                        | 1 419               | 65 063            | 998                 | 1 945         | 43 672          | 335 156               | 82 212                            | 416 199                            | 6 751                                |
| 3351       | Electric lighting equipment manufacturing .....                                | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33511      | Electric lamp bulb and part manufacturing .....                                | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335110     | Electric lamp bulb and part manufacturing .....                                | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353       | Electrical equipment manufacturing .....                                       | —              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 662                                  |
| 33531      | Electrical equipment manufacturing .....                                       | —              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 662                                  |
| 3359       | Other electrical equipment and component manufacturing .....                   | —              | 5                               | 3                         | 488                 | 19 585            | 216                 | 464           | 6 220           | 163 201               | 23 752                            | 184 998                            | D                                    |
| 33599      | All other electrical equipment and component manufacturing .....               | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335999     | All other miscellaneous electrical equipment and component manufacturing ..... | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....                                   | —              | 37                              | 23                        | 14 963              | 875 453           | 11 982              | 23 649        | 680 159         | 2 363 672             | 4 547 674                         | 6 924 533                          | D                                    |
| 3361       | Motor vehicle manufacturing .....  | —              | 3                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33611      | Automobile and light duty motor vehicle manufacturing .....                    | —              | 2                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336111     | Automobile manufacturing .....   | —              | 2                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362       | Motor vehicle body and trailer manufacturing .....                             | 7              | 10                              | 5                         | 307                 | 7 731             | 253                 | 511           | 5 770           | 19 178                | 35 067                            | 54 963                             | D                                    |
| 33621      | Motor vehicle body and trailer manufacturing .....                             | 7              | 10                              | 5                         | 307                 | 7 731             | 253                 | 511           | 5 770           | 19 178                | 35 067                            | 54 963                             | D                                    |
| 336211     | Motor vehicle body manufacturing .....   | 7              | 7                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363       | Motor vehicle parts manufacturing .....  | —              | 18                              | 15                        | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 28 065                               |
| 33632      | Motor vehicle electrical and electronic equipment manufacturing .....          | —              | 5                               | 5                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322     | Other motor vehicle electrical and electronic equipment manufacturing .....    | —              | 4                               | 4                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33636      | Motor vehicle seating and interior trim manufacturing .....                    | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336360     | Motor vehicle seating and interior trim manufacturing .....                    | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33637      | Motor vehicle metal stamping .....   | —              | 8                               | 7                         | 3 018               | 207 007           | 2 656               | 5 492         | 181 891         | 443 644               | 301 803                           | 743 422                            | 5 701                                |
| 336370     | Motor vehicle metal stamping .....   | —              | 8                               | 7                         | 3 018               | 207 007           | 2 656               | 5 492         | 181 891         | 443 644               | 301 803                           | 743 422                            | 5 701                                |
| 3365       | Railroad rolling stock manufacturing .....                                     | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651      | Railroad rolling stock manufacturing .....                                     | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510     | Railroad rolling stock manufacturing .....                                     | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| <b>Youngstown-Warren-Boardman, OH-PA Metropolitan Statistical Area—Con.</b>   |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 337   | Furniture and related product manufacturing .....                             | 1              | 43                              | 5                         | 430                 | 12 283            | 348                 | 724           | 8 744           | 31 434                | 24 942                            | 55 510                             | 2 208                                |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing ..... | 1              | 33                              | 3                         | 313                 | 8 946             | 254                 | 525           | 6 600           | 23 978                | 21 599                            | 44 651                             | 1 707                                |
| 339   | Miscellaneous manufacturing .....   | 2              | 58                              | 10                        | 870                 | 28 867            | 688                 | 1 275         | 18 330          | 77 395                | 38 407                            | 108 814                            | 4 191                                |
| 3391  | Medical equipment and supplies manufacturing .....                            | 5              | 26                              | 4                         | 259                 | 8 973             | 180                 | 325           | 4 421           | 21 331                | 13 492                            | 34 885                             | 774                                  |
| 33911   | Medical equipment and supplies manufacturing .....                            | 5              | 26                              | 4                         | 259                 | 8 973             | 180                 | 325           | 4 421           | 21 331                | 13 492                            | 34 885                             | 774                                  |
| 3399  | Other miscellaneous manufacturing .....                                       | 1              | 32                              | 6                         | 611                 | 19 894            | 508                 | 950           | 13 909          | 56 064                | 24 915                            | 73 929                             | 3 417                                |
| 33999   | All other miscellaneous manufacturing .....                                   | 1              | 11                              | 3                         | 279                 | 9 221             | 229                 | 501           | 6 769           | 20 481                | 11 563                            | 30 870                             | D                                    |
| <b>ALLENTOWN-BETHLEHEM-EASTON, PA-NJ METROPOLITAN STATISTICAL AREA</b>        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 1              | '1 028                          | '374                      | '45 391             | '1 909 032        | '30 099             | '58 551       | '1 020 017      | '6 600 035            | '4 752 576                        | 11 334 254                         | 373 534                              |
| 311   | Food manufacturing .....  | —              | 66                              | 21                        | 3 382               | 142 369           | 2 679               | 5 390         | 102 387         | 2 075 935             | 738 406                           | 2 810 861                          | 40 679                               |
| 3111  | Animal food manufacturing .....   | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31111   | Animal food manufacturing ....  | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311111  | Dog and cat food manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113  | Sugar and confectionery product manufacturing .....                           | —              | 7                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133   | Confectionery manufacturing from purchased chocolate ...                      | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311330  | Confectionery manufacturing from purchased chocolate ..                       | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31134   | Nonchocolate confectionery manufacturing .....                                | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311340  | Nonchocolate confectionery manufacturing .....                                | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115  | Dairy product manufacturing .....   | —              | 9                               | 4                         | 820                 | 33 542            | 700                 | 1 313         | 26 507          | 106 044               | 283 837                           | 388 987                            | 10 675                               |
| 31151   | Dairy product (except frozen) manufacturing .....                             | —              | 8                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311513  | Cheese manufacturing .....  | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118  | Bakeries and tortilla manufacturing .....                                     | —              | 31                              | 5                         | 576                 | 18 186            | 472                 | 909           | 14 483          | 94 418                | 23 959                            | 117 333                            | 2 928                                |
| 31181   | Bread and bakery product manufacturing .....                                  | —              | 29                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119  | Other food manufacturing .....  | —              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 241                                |
| 312   | Beverage and tobacco product manufacturing .....                              | 5              | 11                              | 4                         | 443                 | 14 733            | 162                 | 272           | 3 570           | 42 870                | 54 052                            | 96 615                             | 4 275                                |
| 3121  | Beverage manufacturing .....  | 5              | 11                              | 4                         | 443                 | 14 733            | 162                 | 272           | 3 570           | 42 870                | 54 052                            | 96 615                             | 4 275                                |
| 31211   | Soft drink and ice manufacturing .....  | 5              | 6                               | 4                         | 424                 | 13 780            | 153                 | 254           | 3 242           | 39 663                | 50 785                            | 90 141                             | 4 003                                |
| 312111  | Soft drink manufacturing ....   | 5              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313   | Textile mills .....   | 4              | 18                              | 12                        | 908                 | 24 477            | 727                 | 1 321         | 15 906          | 50 224                | 45 455                            | 97 089                             | D                                    |
| 3132  | Fabric mills .....  | 4              | 11                              | 7                         | 373                 | 10 531            | 298                 | 531           | 6 179           | 20 418                | 18 280                            | 40 533                             | 630                                  |
| 3133  | Textile and fabric finishing and fabric coating mills .....                   | 7              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314   | Textile product mills .....   | —              | 17                              | 6                         | 1 115               | 35 469            | 776                 | 1 449         | 14 956          | 78 354                | 157 025                           | 245 785                            | D                                    |
| 3141  | Textile furnishings mills .....   | —              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412   | Curtain and linen mills .....   | —              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129  | Other household textile product mills .....                                   | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3149  | Other textile product mills .....   | —              | 10                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31499   | All other textile product mills ...   | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ALLENTOWN-BETHLEHEM-EASTON, PA-NJ METROPOLITAN STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315   | Apparel manufacturing .....   | 6  | 100                             | 32                        | 3 958               | 79 501            | 3 353               | 6 026         | 58 208          | 218 750               | 112 176                           | 334 030                            | D                                    |
| 3152  | Cut and sew apparel manufacturing .....                             | 5  | 90                              | 26                        | 3 257               | 63 258            | 2 798               | 4 939         | 44 697          | 199 364               | 65 431                            | 254 787                            | 1 931                                |
| 31521   | Cut and sew apparel contractors .....                               | 7  | 75                              | 17                        | 1 969               | 33 330            | 1 758               | 3 123         | 27 388          | 128 422               | 13 205                            | 135 964                            | 1 177                                |
| 315211  | Men's and boys' cut and sew apparel contractors .....               | 9  | 11                              | 2                         | 585                 | 8 582             | 516                 | 827           | 7 266           | 20 438                | 1 440                             | 16 188                             | 142                                  |
| 315212  | Women's, girls', and infants' cut and sew apparel contractors ..... | 7  | 64                              | 15                        | 1 384               | 24 748            | 1 242               | 2 296         | 20 122          | 107 984               | 11 765                            | 119 776                            | 1 035                                |
| 31523   | Women's and girls' cut and sew apparel manufacturing .....          | 1  | 8                               | 5                         | 729                 | 17 815            | 606                 | 994           | 10 066          | 36 816                | 43 399                            | 75 941                             | D                                    |
| 315239  | Women's and girls' cut and sew other outerwear manufacturing .....  | —  | 5                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31529   | Other cut and sew apparel manufacturing .....                       | 9  | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315299  | All other cut and sew apparel manufacturing .....                   | 9  | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3159  | Apparel accessories and other apparel manufacturing .....           | 9  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31599   | Apparel accessories and other apparel manufacturing .....           | 9  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315999  | Other apparel accessories and other apparel manufacturing .....     | 9  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....                                    | 1  | 35                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 151                                |
| 3219  | Other wood product manufacturing .....                              | 2  | 28                              | 11                        | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 938                                  |
| 32192   | Wood container and pallet manufacturing .....                       | 2  | 13                              | 6                         | 268                 | 6 819             | 226                 | 451           | 5 021           | 13 287                | 12 401                            | 25 566                             | 492                                  |
| 321920  | Wood container and pallet manufacturing .....                       | 2  | 13                              | 6                         | 268                 | 6 819             | 226                 | 451           | 5 021           | 13 287                | 12 401                            | 25 566                             | 492                                  |
| 322   | Paper manufacturing .....   | 1  | 12                              | 11                        | 720                 | 28 285            | 531                 | 1 096         | 16 659          | 70 119                | 74 391                            | 144 074                            | 3 184                                |
| 3222  | Converted paper product manufacturing .....                         | 1  | 12                              | 11                        | 720                 | 28 285            | 531                 | 1 096         | 16 659          | 70 119                | 74 391                            | 144 074                            | 3 184                                |
| 32221   | Paperboard container manufacturing .....                            | 1  | 8                               | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322211  | Corrugated and solid fiber box manufacturing .....                  | —  | 5                               | 5                         | 333                 | 14 558            | 205                 | 416           | 6 446           | 34 771                | 38 890                            | 73 255                             | D                                    |
| 323   | Printing and related support activities .....                       | 2  | 91                              | 14                        | 2 019               | 73 852            | 1 362               | 2 569         | 44 723          | 129 711               | 66 310                            | 202 483                            | 6 434                                |
| 3231  | Printing and related support activities .....                       | 2  | 91                              | 14                        | 2 019               | 73 852            | 1 362               | 2 569         | 44 723          | 129 711               | 66 310                            | 202 483                            | 6 434                                |
| 32311   | Printing .....  | 2  | 83                              | 12                        | 1 913               | 71 105            | 1 273               | 2 449         | 42 755          | 123 343               | 65 026                            | 195 405                            | 6 092                                |
| 323110  | Commercial lithographic printing .....                              | 2  | 32                              | 6                         | 796                 | 34 865            | 607                 | 1 203         | 23 019          | 63 822                | 29 179                            | 93 358                             | 2 850                                |
| 323118  | Blankbook, looseleaf binders, and devices manufacturing .....       | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325   | Chemical manufacturing .....  | 1  | 46                              | 28                        | 3 174               | 171 962           | 2 020               | 4 199         | 96 496          | 790 675               | 804 264                           | 1 610 827                          | 49 100                               |
| 3251  | Basic chemical manufacturing ...                                    | 2  | 16                              | 12                        | 1 616               | 87 978            | 1 154               | 2 308         | 58 978          | 407 778               | 308 421                           | 717 364                            | 32 122                               |
| 32518   | Other basic inorganic chemical manufacturing .....                  | —  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325188  | All other basic inorganic chemical manufacturing ...                | —  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32519   | Other basic organic chemical manufacturing .....                    | 4  | 6                               | 5                         | 812                 | 47 081            | 562                 | 1 205         | 29 756          | 179 417               | 149 207                           | 333 237                            | 8 073                                |
| 325199  | All other basic organic chemical manufacturing ...                  | 4  | 6                               | 5                         | 812                 | 47 081            | 562                 | 1 205         | 29 756          | 179 417               | 149 207                           | 333 237                            | 8 073                                |
| 3254  | Pharmaceutical and medicine manufacturing .....                     | —  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541   | Pharmaceutical and medicine manufacturing .....                     | —  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325411  | Medicinal and botanical manufacturing .....                         | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255  | Paint, coating, and adhesive manufacturing .....                    | —  | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32551   | Paint and coating manufacturing .....                               | —  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325510  | Paint and coating manufacturing .....                               | —  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ALLENTOWN-BETHLEHEM-EASTON, PA-NJ METROPOLITAN STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326   | Plastics and rubber products manufacturing .....                               | —              | 48                              | 33                        | 2 972               | 106 995           | 2 470               | 4 999         | 79 624          | 322 132               | 288 448                           | 596 466                            | 32 977                               |
| 3261  | Plastics product manufacturing ..  | 1              | 47                              | 32                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32612   | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing ..... | —              | 5                               | 5                         | 402                 | 14 558            | 317                 | 673           | 9 129           | 49 615                | 76 166                            | 114 186                            | 3 448                                |
| 326121  | Unlaminated plastics profile shape manufacturing .....                         | —              | 4                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32616   | Plastics bottle manufacturing ..   | —              | 5                               | 5                         | 509                 | 19 133            | 453                 | 970           | 16 091          | 74 909                | 86 051                            | 158 854                            | 5 679                                |
| 326160  | Plastics bottle manufacturing .....  | —              | 5                               | 5                         | 509                 | 19 133            | 453                 | 970           | 16 091          | 74 909                | 86 051                            | 158 854                            | 5 679                                |
| 32619   | Other plastics product manufacturing .....                                     | —              | 25                              | 15                        | 1 724               | 61 897            | 1 441               | 2 822         | 47 239          | 173 009               | 99 917                            | 272 373                            | 16 240                               |
| 326199  | All other plastics product manufacturing .....                                 | —              | 24                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....                                | 2              | 62                              | 23                        | 1 935               | 81 624            | 1 450               | 2 916         | 55 172          | 339 030               | 168 005                           | 497 907                            | 37 905                               |
| 3273  | Cement and concrete product manufacturing .....                                | 1              | 33                              | 17                        | 1 573               | 68 973            | 1 165               | 2 325         | 46 136          | 308 840               | 149 250                           | 449 108                            | 37 146                               |
| 32731   | Cement manufacturing .....   | 1              | 7                               | 6                         | 927                 | 48 314            | 681                 | 1 365         | 32 279          | 250 636               | 114 462                           | 356 335                            | 33 626                               |
| 327310  | Cement manufacturing .....   | 1              | 7                               | 6                         | 927                 | 48 314            | 681                 | 1 365         | 32 279          | 250 636               | 114 462                           | 356 335                            | 33 626                               |
| 32733   | Concrete pipe, brick, and block manufacturing .....                            | 1              | 7                               | 5                         | 320                 | 9 183             | 205                 | 403           | 4 485           | 27 318                | 10 820                            | 37 723                             | 1 388                                |
| 331   | Primary metal manufacturing .....  | —              | 24                              | 17                        | 2 248               | 89 247            | 1 762               | 3 482         | 60 899          | 238 561               | 202 089                           | 427 989                            | 19 458                               |
| 3315  | Foundries .....  | —              | 11                              | 10                        | 1 464               | 54 493            | 1 180               | 2 238         | 38 887          | 152 007               | 89 839                            | 237 426                            | 8 878                                |
| 33151   | Ferrous metal foundries .....  | —              | 8                               | 7                         | 1 118               | 42 248            | 902                 | 1 633         | 30 646          | 129 545               | 76 705                            | 202 073                            | 6 226                                |
| 331511  | Iron foundries .....   | —              | 7                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152   | Nonferrous metal foundries .....   | —              | 3                               | 3                         | 346                 | 12 245            | 278                 | 605           | 8 241           | 22 462                | 13 134                            | 35 353                             | 2 652                                |
| 332   | Fabricated metal product manufacturing .....                                   | 2              | 180                             | 59                        | 4 096               | 168 302           | 2 927               | 5 777         | 105 327         | 432 345               | 271 035                           | 686 085                            | 20 061                               |
| 3321  | Forging and stamping .....   | —              | 8                               | 3                         | 308                 | 10 354            | 207                 | 375           | 6 759           | 26 271                | 27 597                            | 53 482                             | D                                    |
| 33211   | Forging and stamping .....   | —              | 8                               | 3                         | 308                 | 10 354            | 207                 | 375           | 6 759           | 26 271                | 27 597                            | 53 482                             | D                                    |
| 3323  | Architectural and structural metals manufacturing .....                        | 3              | 29                              | 11                        | 612                 | 25 150            | 437                 | 846           | 15 829          | 60 283                | 47 335                            | 107 343                            | 2 339                                |
| 33231   | Plate work and fabricated structural product manufacturing .....               | 5              | 13                              | 6                         | 335                 | 13 378            | 250                 | 516           | 8 929           | 30 977                | 25 620                            | 56 629                             | 1 572                                |
| 33232   | Ornamental and architectural metal products manufacturing .....                | —              | 16                              | 5                         | 277                 | 11 772            | 187                 | 330           | 6 900           | 29 306                | 21 715                            | 50 714                             | 767                                  |
| 3324  | Boiler, tank, and shipping container manufacturing .....                       | 1              | 4                               | 4                         | 487                 | 22 159            | 308                 | 637           | 11 496          | 104 771               | 58 105                            | 151 216                            | 5 377                                |
| 33242   | Metal tank (heavy gauge) manufacturing .....                                   | 2              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332420  | Metal tank (heavy gauge) manufacturing .....                                   | 2              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327  | Machine shops; turned product; and screw, nut, and bolt manufacturing .....    | 4              | 81                              | 25                        | 1 538               | 64 366            | 1 139               | 2 381         | 42 785          | 133 855               | 45 640                            | 177 798                            | 8 173                                |
| 33271   | Machine shops .....  | 4              | 69                              | 23                        | 1 413               | 59 823            | 1 036               | 2 167         | 39 539          | 122 185               | 42 053                            | 162 497                            | 8 015                                |
| 332710  | Machine shops .....  | 4              | 69                              | 23                        | 1 413               | 59 823            | 1 036               | 2 167         | 39 539          | 122 185               | 42 053                            | 162 497                            | 8 015                                |
| 3328  | Coating, engraving, heat treating, and allied activities .....                 | 1              | 20                              | 8                         | 408                 | 17 270            | 300                 | 581           | 10 552          | 36 130                | 55 150                            | 91 409                             | 1 182                                |
| 33281   | Coating, engraving, heat treating, and allied activities ..                    | 1              | 20                              | 8                         | 408                 | 17 270            | 300                 | 581           | 10 552          | 36 130                | 55 150                            | 91 409                             | 1 182                                |
| 332813  | Electroplating, plating, polishing, anodizing, and coloring .....              | 1              | 9                               | 5                         | 251                 | 10 627            | 185                 | 343           | 6 976           | 23 698                | 26 196                            | 49 891                             | D                                    |
| 3329  | Other fabricated metal product manufacturing .....                             | 2              | 29                              | 5                         | 483                 | 20 409            | 333                 | 679           | 11 930          | 56 317                | 26 748                            | 79 626                             | 1 613                                |
| 33291   | Metal valve manufacturing .....  | 1              | 11                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 888                                  |
| 333   | Machinery manufacturing .....  | 1              | 70                              | 23                        | 3 182               | 149 735           | 1 585               | 3 268         | 61 438          | 252 477               | 234 391                           | 491 924                            | 7 313                                |
| 3332  | Industrial machinery manufacturing .....                                       | 1              | 25                              | 11                        | 978                 | 49 966            | 463                 | 919           | 16 072          | 89 385                | 95 051                            | 186 498                            | 3 767                                |
| 33329   | Other industrial machinery manufacturing .....                                 | 1              | 23                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333295  | Semiconductor machinery manufacturing .....                                    | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333298  | All other industrial machinery manufacturing .....                             | 6              | 9                               | 5                         | 348                 | 13 571            | 225                 | 425           | 7 228           | 19 949                | 18 250                            | 41 035                             | 545                                  |

See footnotes at end of table.

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>ALLENTOWN-BETHLEHEM-EASTON, PA-NJ METROPOLITAN STATISTICAL AREA—Con.</b>                 |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333        | Machinery manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3333       | Commercial and service industry machinery manufacturing .....                               | —              | 8                               | 1                         | 368                 | 14 410            | 124                 | 237           | 4 988           | 30 041                | 31 133                            | 65 634                             | 375                                  |
| 33331      | Commercial and service industry machinery manufacturing .....                               | —              | 8                               | 1                         | 368                 | 14 410            | 124                 | 237           | 4 988           | 30 041                | 31 133                            | 65 634                             | 375                                  |
| 333313     | Office machinery manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339       | Other general purpose machinery manufacturing .....   | 1              | 18                              | 7                         | 1 449               | 68 646            | 773                 | 1 655         | 32 090          | 95 762                | 82 453                            | 176 838                            | 2 653                                |
| 33391      | Pump and compressor manufacturing .....   | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333911     | Pump and pumping equipment manufacturing ..   | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33399      | All other general purpose machinery manufacturing ....                                      | 1              | 12                              | 4                         | 632                 | 33 067            | 348                 | 783           | 17 325          | 75 765                | 65 682                            | 140 133                            | 1 913                                |
| 333996     | Fluid power pump and motor manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334        | Computer and electronic product manufacturing .....   | 2              | 53                              | 25                        | 4 720               | 309 040           | 1 941               | 4 245         | 107 200         | 193 351               | 266 273                           | 477 844                            | 81 268                               |
| 3342       | Communications equipment manufacturing .....  | 2              | 7                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 852                                |
| 33422      | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 1              | 4                               | 3                         | 1 278               | 95 372            | 313                 | 711           | 23 406          | 29 444                | 84 480                            | 123 318                            | D                                    |
| 334220     | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 1              | 4                               | 3                         | 1 278               | 95 372            | 313                 | 711           | 23 406          | 29 444                | 84 480                            | 123 318                            | D                                    |
| 3344       | Semiconductor and other electronic component manufacturing .....                            | 1              | 20                              | 9                         | 2 775               | 184 585           | 1 353               | 3 045         | 75 161          | 85 882                | 128 027                           | 224 638                            | D                                    |
| 33441      | Semiconductor and other electronic component manufacturing .....                            | 1              | 20                              | 9                         | 2 775               | 184 585           | 1 353               | 3 045         | 75 161          | 85 882                | 128 027                           | 224 638                            | D                                    |
| 334413     | Semiconductor and related device manufacturing .....  | —              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345       | Navigational, measuring, electromedical, and control instruments manufacturing .....        | 1              | 17                              | 7                         | 311                 | 14 161            | 129                 | 238           | 4 405           | 41 046                | 26 535                            | 66 526                             | D                                    |
| 33451      | Navigational, measuring, electromedical, and control instruments manufacturing ...          | 1              | 17                              | 7                         | 311                 | 14 161            | 129                 | 238           | 4 405           | 41 046                | 26 535                            | 66 526                             | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....                          | —              | 33                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 760                                |
| 3359       | Other electrical equipment and component manufacturing .....                                | —              | 12                              | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593      | Wiring device manufacturing ...   | —              | 4                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931     | Current-carrying wiring device manufacturing .....  | —              | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....  | —              | 20                              | 7                         | 1 825               | 77 882            | 1 392               | 2 063         | 54 849          | 211 197               | 665 612                           | 866 488                            | 4 844                                |
| 3361       | Motor vehicle manufacturing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33612      | Heavy duty truck manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336120     | Heavy duty truck manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362       | Motor vehicle body and trailer manufacturing .....  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621      | Motor vehicle body and trailer manufacturing .....  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211     | Motor vehicle body manufacturing .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337        | Furniture and related product manufacturing .....   | 2              | 50                              | 12                        | 1 002               | 36 855            | 713                 | 1 526         | 20 776          | 84 723                | 49 419                            | 134 650                            | 4 259                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing .....               | 2              | 32                              | 7                         | 628                 | 21 385            | 480                 | 1 025         | 13 398          | 54 474                | 30 837                            | 85 779                             | D                                    |
| 33712      | Household and institutional furniture manufacturing .....                                   | 1              | 14                              | 4                         | 454                 | 16 185            | 345                 | 754           | 9 980           | 45 373                | 24 397                            | 70 230                             | 709                                  |
| 3372       | Office furniture (including fixtures) manufacturing .....                                   | —              | 15                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 233                                |
| 33721      | Office furniture (including fixtures) manufacturing .....                                   | —              | 15                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 233                                |

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|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ALLENTOWN-BETHLEHEM-EASTON, PA-NJ METROPOLITAN STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339   | Miscellaneous manufacturing .....  | —              | 79                              | 24                        | 5 274               | 216 424           | 3 059               | 5 642         | 93 722          | 801 111               | 259 279                           | 1 047 756                          | 42 695                               |
| 3391  | Medical equipment and supplies manufacturing .....   | 1              | 31                              | 9                         | 2 075               | 84 292            | 1 194               | 2 435         | 34 832          | 318 475               | 38 140                            | 333 700                            | 20 686                               |
| 33911   | Medical equipment and supplies manufacturing .....   | 1              | 31                              | 9                         | 2 075               | 84 292            | 1 194               | 2 435         | 34 832          | 318 475               | 38 140                            | 333 700                            | 20 686                               |
| 339111  | Laboratory apparatus and furniture manufacturing ....                                      | 6              | 3                               | 3                         | 257                 | 12 406            | 120                 | 263           | 4 883           | 29 995                | 14 341                            | 36 167                             | D                                    |
| 339112  | Surgical and medical instrument manufacturing ..   | —              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing .....  | —              | 48                              | 15                        | 3 199               | 132 132           | 1 865               | 3 207         | 58 890          | 482 636               | 221 139                           | 714 056                            | 22 009                               |
| 33994   | Office supplies (except paper) manufacturing .....   | —              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339942  | Lead pencil and art good manufacturing .....   | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33999   | All other miscellaneous manufacturing .....  | —              | 26                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339992  | Musical instrument manufacturing .....   | —              | 8                               | 3                         | 1 096               | 41 686            | 862                 | 1 494         | 29 424          | 75 578                | 37 973                            | 113 029                            | D                                    |
| 339999  | All other miscellaneous manufacturing .....  | —              | 14                              | 6                         | 555                 | 19 320            | 179                 | 309           | 4 480           | 58 105                | 50 813                            | 109 372                            | 4 397                                |
| <b>ALTOONA, PA METROPOLITAN STATISTICAL AREA</b>                            |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....  | 1              | 153                             | 61                        | 7 649               | 257 682           | 5 894               | 11 582        | 172 714         | 816 174               | 730 493                           | 1 557 695                          | 37 458                               |
| 311   | Food manufacturing .....   | 1              | 21                              | 9                         | 728                 | 19 123            | 516                 | 1 045         | 12 864          | 35 534                | 76 555                            | 111 408                            | 7 533                                |
| 316   | Leather and allied product manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3162  | Footwear manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31621   | Footwear manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316211  | Rubber and plastics footwear manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....   | —              | 15                              | 6                         | 429                 | 11 456            | 345                 | 708           | 8 290           | 27 926                | 35 804                            | 65 204                             | 3 269                                |
| 3219  | Other wood product manufacturing .....   | —              | 11                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199   | All other wood product manufacturing .....   | —              | 6                               | 4                         | 339                 | 8 976             | 274                 | 566           | 6 444           | 20 959                | 23 298                            | 45 962                             | 2 971                                |
| 322   | Paper manufacturing .....  | —              | 7                               | 7                         | 1 542               | 64 716            | 1 258               | 2 489         | 45 518          | 194 238               | 146 201                           | 344 766                            | 6 519                                |
| 3222  | Converted paper product manufacturing .....  | —              | 6                               | 6                         | 1 377               | 55 952            | 1 124               | 2 222         | 38 831          | 194 238               | 146 201                           | 344 766                            | 6 519                                |
| 32221   | Paperboard container manufacturing .....   | 4              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32222   | Paper bag and coated and treated paper manufacturing ..                                    | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322222  | Coated and laminated paper manufacturing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223   | Stationery product manufacturing .....   | —              | 3                               | 3                         | 559                 | 17 092            | 470                 | 902           | 13 139          | 50 617                | 52 008                            | 104 119                            | D                                    |
| 322233  | Stationery, tablet, and related product manufacturing .....                                | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323   | Printing and related support activities .....  | —              | 14                              | 3                         | 439                 | 12 378            | 372                 | 857           | 7 979           | 26 897                | 17 620                            | 44 849                             | D                                    |
| 3231  | Printing and related support activities .....  | —              | 14                              | 3                         | 439                 | 12 378            | 372                 | 857           | 7 979           | 26 897                | 17 620                            | 44 849                             | D                                    |
| 32311   | Printing .....   | —              | 14                              | 3                         | 439                 | 12 378            | 372                 | 857           | 7 979           | 26 897                | 17 620                            | 44 849                             | D                                    |
| 323117  | Books printing .....   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325   | Chemical manufacturing .....   | —              | 5                               | 2                         | 459                 | 18 605            | 222                 | 493           | 8 779           | 53 360                | 56 989                            | 108 174                            | D                                    |
| 3252  | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32521   | Resin and synthetic rubber manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325211  | Plastics material and resin manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....  | —              | 12                              | 5                         | 741                 | 28 212            | 562                 | 1 092         | 19 970          | 95 926                | 83 952                            | 180 099                            | 2 320                                |
| 3272  | Glass and glass product manufacturing .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721   | Glass and glass product manufacturing .....  | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215  | Glass product manufacturing made of purchased glass ..                                     | —              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ALTOONA, PA METROPOLITAN STATISTICAL AREA—Con.</b>       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331   | Primary metal manufacturing .....   | 5              | 3                               | 1                         | 310                 | 11 739            | 247                 | 501           | 8 738           | 44 841                | 77 858                            | 123 027                            | D                                    |
| 3314  | Nonferrous metal (except aluminum) production and processing .....          | 5              | 3                               | 1                         | 310                 | 11 739            | 247                 | 501           | 8 738           | 44 841                | 77 858                            | 123 027                            | D                                    |
| 33142   | Copper rolling, drawing, extruding, and alloying .....                      | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331421  | Copper rolling, drawing, and extruding .....                                | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                                | —              | 18                              | 4                         | 514                 | 17 880            | 408                 | 722           | 12 809          | 61 164                | 42 465                            | 106 078                            | 2 208                                |
| 3329  | Other fabricated metal product manufacturing .....                          | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33299   | All other fabricated metal product manufacturing .....                      | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332991  | Ball and roller bearing manufacturing .....                                 | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333   | Machinery manufacturing .....   | 2              | 9                               | 4                         | 460                 | 19 785            | 284                 | 543           | 10 016          | 41 170                | 22 491                            | 64 706                             | 746                                  |
| 334   | Computer and electronic product manufacturing .....                         | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336   | Transportation equipment manufacturing .....                                | —              | 6                               | 4                         | 454                 | 12 018            | 400                 | 690           | 9 096           | 58 638                | 50 333                            | 110 512                            | 567                                  |
| 3363  | Motor vehicle parts manufacturing .....                                     | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33632   | Motor vehicle electrical and electronic equipment manufacturing .....       | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322  | Other motor vehicle electrical and electronic equipment manufacturing ..... | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BLOOMSBURG-BERWICK, PA MICROPOLITAN STATISTICAL AREA</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | —              | 124                             | 42                        | 9 903               | 331 184           | 7 344               | 13 845        | 203 621         | 1 711 870             | 925 302                           | 2 650 854                          | 116 344                              |
| 311   | Food manufacturing .....  | —              | 17                              | 5                         | 2 272               | 67 179            | 1 446               | 2 949         | 38 416          | 322 044               | 291 720                           | 610 538                            | 6 333                                |
| 3111  | Animal food manufacturing .....   | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31111   | Animal food manufacturing .....   | —              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311111  | Dog and cat food manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119  | Other food manufacturing .....  | —              | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191   | Snack food manufacturing .....  | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919  | Other snack food manufacturing .....  | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313   | Textile mills .....   | —              | 9                               | 4                         | 1 515               | 48 265            | 1 225               | 2 369         | 28 907          | 109 909               | 62 016                            | 166 153                            | D                                    |
| 3132  | Fabric mills .....  | —              | 5                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31321   | Broadwoven fabric mills .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313210  | Broadwoven fabric mills .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31323   | Nonwoven fabric mills .....   | —              | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313230  | Nonwoven fabric mills .....   | —              | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314   | Textile product mills .....   | —              | 6                               | 4                         | 1 200               | 37 800            | 993                 | 1 818         | 26 496          | 80 186                | 91 409                            | 172 934                            | 4 851                                |
| 3141  | Textile furnishings mills .....   | —              | 6                               | 4                         | 1 200               | 37 800            | 993                 | 1 818         | 26 496          | 80 186                | 91 409                            | 172 934                            | 4 851                                |
| 31411   | Carpet and rug mills .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314110  | Carpet and rug mills .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412   | Curtain and linen mills .....   | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315   | Apparel manufacturing .....   | —              | 4                               | 3                         | 571                 | 12 289            | 429                 | 813           | 8 225           | 23 159                | 39 611                            | 63 635                             | D                                    |
| 3151  | Apparel knitting mills .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31519   | Other apparel knitting mills .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315192  | Underwear and nightwear knitting mills .....                                | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....  | —              | 8                               | 3                         | 681                 | 18 084            | 538                 | 826           | 11 609          | 31 744                | 28 340                            | 59 669                             | 1 882                                |
| 3219  | Other wood product manufacturing .....                                      | —              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199   | All other wood product manufacturing .....                                  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321992  | Prefabricated wood building manufacturing .....                             | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323   | Printing and related support activities .....                               | —              | 10                              | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231  | Printing and related support activities .....                               | —              | 10                              | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311   | Printing .....  | —              | 9                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323117  | Books printing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|--|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BLOOMSBURG-BERWICK, PA MICROPOLITAN STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325  | Chemical manufacturing .....  | —              | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254   | Pharmaceutical and medicine manufacturing .....                               | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541  | Pharmaceutical and medicine manufacturing .....                               | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325411   | Medicinal and botanical manufacturing .....                                   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326  | Plastics and rubber products manufacturing .....                              | —              | 6                               | 4                         | 335                 | 10 892            | 286                 | 505           | 7 707           | 33 457                | 32 072                            | 66 239                             | 1 756                                |
| 3261   | Plastics product manufacturing ..   | —              | 6                               | 4                         | 335                 | 10 892            | 286                 | 505           | 7 707           | 33 457                | 32 072                            | 66 239                             | 1 756                                |
| 332  | Fabricated metal product manufacturing .....                                  | 4              | 21                              | 7                         | 1 208               | 43 976            | 883                 | 1 719         | 26 640          | 82 681                | 134 200                           | 239 498                            | 4 210                                |
| 3323   | Architectural and structural metals manufacturing .....                       | —              | 9                               | 3                         | 677                 | 24 900            | 448                 | 808           | 13 763          | 28 474                | 41 780                            | 91 444                             | 2 240                                |
| 33232  | Ornamental and architectural metal products manufacturing .....               | —              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332321   | Metal window and door manufacturing .....                                     | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3324   | Boiler, tank, and shipping container manufacturing .....                      | 8              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33243  | Metal can, box, and other metal container (light gauge) manufacturing .....   | 8              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BRADFORD, PA MICROPOLITAN STATISTICAL AREA</b>                |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | —              | 71                              | 27                        | 4 629               | 164 845           | 3 438               | 7 291         | 114 817         | 472 514               | 707 514                           | 1 174 516                          | 26 545                               |
| 321  | Wood product manufacturing .....  | —              | 13                              | 5                         | 770                 | 23 699            | 625                 | 1 320         | 17 281          | 51 994                | 86 531                            | 137 176                            | 3 034                                |
| 3211   | Sawmills and wood preservation ..   | —              | 6                               | 4                         | 517                 | 14 796            | 415                 | 881           | 10 394          | 33 541                | 66 507                            | 100 508                            | D                                    |
| 32111  | Sawmills and wood preservation .....  | —              | 6                               | 4                         | 517                 | 14 796            | 415                 | 881           | 10 394          | 33 541                | 66 507                            | 100 508                            | D                                    |
| 321113   | Sawmills .....  | —              | 6                               | 4                         | 517                 | 14 796            | 415                 | 881           | 10 394          | 33 541                | 66 507                            | 100 508                            | D                                    |
| 324  | Petroleum and coal products manufacturing .....                               | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241   | Petroleum and coal products manufacturing .....                               | —              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327  | Nonmetallic mineral product manufacturing .....                               | —              | 8                               | 3                         | 842                 | 35 989            | 687                 | 1 455         | 27 625          | 92 237                | 57 001                            | 148 532                            | 2 700                                |
| 3272   | Glass and glass product manufacturing .....                                   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721  | Glass and glass product manufacturing .....                                   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212   | Other pressed and blown glass and glassware manufacturing .....               | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327213   | Glass container manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332  | Fabricated metal product manufacturing .....                                  | 1              | 12                              | 6                         | 1 074               | 35 324            | 722                 | 1 554         | 20 756          | 84 411                | 63 118                            | 146 132                            | 3 903                                |
| 3322   | Cutlery and handtool manufacturing .....                                      | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33221  | Cutlery and handtool manufacturing .....                                      | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332211   | Cutlery and flatware (except precious) manufacturing ..                       | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337  | Furniture and related product manufacturing .....                             | —              | 7                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371   | Household and institutional furniture and kitchen cabinet manufacturing ..... | —              | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712  | Household and institutional furniture manufacturing .....                     | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337121   | Upholstered household furniture manufacturing .....                           | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339  | Miscellaneous manufacturing .....   | —              | 5                               | 3                         | 795                 | 27 352            | 590                 | 1 169         | 20 219          | 86 214                | 34 233                            | 122 920                            | D                                    |
| 3399   | Other miscellaneous manufacturing .....                                       | —              | 5                               | 3                         | 795                 | 27 352            | 590                 | 1 169         | 20 219          | 86 214                | 34 233                            | 122 920                            | D                                    |
| 33999  | All other miscellaneous manufacturing .....                                   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339999   | All other miscellaneous manufacturing .....                                   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>CHAMBERSBURG, PA MICROPOLITAN STATISTICAL AREA</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | -              | 207                             | 63                        | 9 620               | 335 030           | 6 518               | 12 178        | 179 476         | 947 304               | 1 190 848                         | 2 165 228                          | 44 505                               |
| 311   | Food manufacturing .....  | -              | 17                              | 6                         | 1 048               | 29 676            | 842                 | 1 722         | 22 357          | 189 334               | 129 881                           | 318 884                            | 2 874                                |
| 3119  | Other food manufacturing .....  | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 203                                |
| 31194   | Seasoning and dressing manufacturing .....                                  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311941  | Mayonnaise, dressing, and other prepared sauce manufacturing .....          | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31199   | All other food manufacturing .....  | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311991  | Perishable prepared food manufacturing .....                                | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....  | 4              | 33                              | 6                         | 528                 | 12 564            | 415                 | 828           | 9 582           | 27 385                | 25 568                            | 51 392                             | 665                                  |
| 3219  | Other wood product manufacturing .....                                      | 4              | 18                              | 6                         | 462                 | 10 830            | 356                 | 732           | 8 235           | 22 072                | 19 331                            | 39 831                             | 408                                  |
| 32199   | All other wood product manufacturing .....                                  | 4              | 8                               | 4                         | 375                 | 8 695             | 284                 | 592           | 6 604           | 17 735                | 14 475                            | 30 828                             | 62                                   |
| 323   | Printing and related support activities .....                               | -              | 15                              | 4                         | 613                 | 14 447            | 418                 | 431           | 7 396           | 20 913                | 15 521                            | 43 800                             | 810                                  |
| 3231  | Printing and related support activities .....                               | -              | 15                              | 4                         | 613                 | 14 447            | 418                 | 431           | 7 396           | 20 913                | 15 521                            | 43 800                             | 810                                  |
| 32311   | Printing .....  | -              | 14                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110  | Commercial lithographic printing .....                                      | -              | 8                               | 2                         | 531                 | 12 038            | 348                 | 306           | 5 675           | 25 582                | 9 154                             | 34 699                             | 658                                  |
| 326   | Plastics and rubber products manufacturing .....                            | -              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261  | Plastics product manufacturing ..   | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....                                  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199  | All other plastics product manufacturing .....                              | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....                             | -              | 15                              | 6                         | 1 470               | 44 639            | 1 077               | 2 068         | 28 485          | 226 609               | 381 449                           | 606 247                            | 18 839                               |
| 3272  | Glass and glass product manufacturing .....                                 | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721   | Glass and glass product manufacturing .....                                 | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215  | Glass product manufacturing made of purchased glass ..                      | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273  | Cement and concrete product manufacturing .....                             | -              | 12                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32739   | Other concrete product manufacturing .....                                  | -              | 7                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 771                                  |
| 327390  | Other concrete product manufacturing .....                                  | -              | 7                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 771                                  |
| 332   | Fabricated metal product manufacturing .....                                | 1              | 40                              | 12                        | 1 105               | 34 758            | 825                 | 1 512         | 21 688          | 81 255                | 70 510                            | 152 375                            | 6 687                                |
| 3323  | Architectural and structural metals manufacturing .....                     | 1              | 12                              | 5                         | 303                 | 10 225            | 186                 | 322           | 4 503           | 18 877                | 25 945                            | 46 370                             | 3 465                                |
| 3327  | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | -              | 16                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33271   | Machine shops .....   | -              | 14                              | 3                         | 356                 | 10 510            | 266                 | 525           | 6 840           | 20 286                | 12 879                            | 32 530                             | 2 579                                |
| 332710  | Machine shops .....   | -              | 14                              | 3                         | 356                 | 10 510            | 266                 | 525           | 6 840           | 20 286                | 12 879                            | 32 530                             | 2 579                                |
| 3329  | Other fabricated metal product manufacturing .....                          | -              | 7                               | 3                         | 365                 | 11 518            | 308                 | 518           | 8 457           | 36 324                | 29 517                            | 65 527                             | 143                                  |
| 33299   | All other fabricated metal product manufacturing .....                      | -              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332996  | Fabricated pipe and pipe fitting manufacturing .....                        | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333   | Machinery manufacturing .....   | -              | 20                              | 14                        | 3 246               | 147 632           | 1 722               | 3 359         | 59 422          | 274 433               | 391 233                           | 687 447                            | 5 817                                |
| 3331  | Agriculture, construction, and mining machinery manufacturing .....         | -              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33312   | Construction machinery manufacturing .....                                  | -              | 4                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 427                                |
| 333120  | Construction machinery manufacturing .....                                  | -              | 4                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 427                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code   | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>CHAMBERSBURG, PA MICROPOLITAN STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333<br>3334  | Machinery manufacturing—Con. Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341  | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                              | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333415   | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....       | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3335   | Metalworking machinery manufacturing .....  | —              | 10                              | 6                         | 567                 | 26 801            | 318                 | 481           | 9 809           | 42 043                | 25 511                            | 84 220                             | 194                                  |
| 33351  | Metalworking machinery manufacturing .....  | —              | 10                              | 6                         | 567                 | 26 801            | 318                 | 481           | 9 809           | 42 043                | 25 511                            | 84 220                             | 194                                  |
| 333512   | Machine tool (metal cutting types) manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335  | Electrical equipment, appliance, and component manufacturing .....  | —              | 3                               | 2                         | 328                 | 9 910             | 262                 | 510           | 6 303           | 21 819                | 32 170                            | 55 121                             | D                                    |
| 3353   | Electrical equipment manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531  | Electrical equipment manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336  | Transportation equipment manufacturing .....  | —              | 9                               | 4                         | 464                 | 15 533            | 340                 | 619           | 9 696           | 26 868                | 108 166                           | 134 597                            | 733                                  |
| 3362   | Motor vehicle body and trailer manufacturing .....  | —              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621  | Motor vehicle body and trailer manufacturing .....  | —              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211   | Motor vehicle body manufacturing .....  | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>DUBOIS, PA MICROPOLITAN STATISTICAL AREA</b>            |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | 1              | 110                             | 39                        | 3 498               | 103 219           | 2 684               | 5 191         | 69 670          | 223 518               | 397 671                           | 626 893                            | 10 251                               |
| 321  | Wood product manufacturing .....  | 4              | 26                              | 8                         | 438                 | 12 286            | 384                 | 782           | 10 117          | 31 739                | 45 646                            | 76 075                             | 1 912                                |
| 327  | Nonmetallic mineral product manufacturing .....   | 3              | 14                              | 9                         | 415                 | 11 683            | 360                 | 727           | 9 457           | 38 821                | 18 082                            | 55 383                             | 737                                  |
| 332  | Fabricated metal product manufacturing .....  | —              | 19                              | 6                         | 644                 | 22 388            | 433                 | 838           | 14 327          | 37 868                | 35 417                            | 76 783                             | 2 608                                |
| 334  | Computer and electronic product manufacturing .....   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344   | Semiconductor and other electronic component manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441  | Semiconductor and other electronic component manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334417   | Electronic connector manufacturing .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337  | Furniture and related product manufacturing .....   | —              | 7                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371   | Household and institutional furniture and kitchen cabinet manufacturing .....   | —              | 7                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711  | Wood kitchen cabinet and countertop manufacturing .....   | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110   | Wood kitchen cabinet and countertop manufacturing .....   | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>EAST STROUDSBURG, PA MICROPOLITAN STATISTICAL AREA</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | -  | 122                             | 32                        | 5 111               | 233 536           | 3 010               | 5 732         | 103 319         | 948 369               | 553 584                           | 1 473 414                          | 64 514                               |
| 322   | Paper manufacturing .....   | -  | 3                               | 3                         | 353                 | 15 661            | 278                 | 648           | 9 979           | 36 099                | 35 926                            | 71 816                             | D                                    |
| 3222  | Converted paper product manufacturing .....                           | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323   | Printing and related support activities .....                         | 3  | 17                              | 2                         | 314                 | 10 324            | 267                 | 508           | 7 820           | 15 215                | 9 485                             | 26 007                             | 569                                  |
| 3231  | Printing and related support activities .....                         | 3  | 17                              | 2                         | 314                 | 10 324            | 267                 | 508           | 7 820           | 15 215                | 9 485                             | 26 007                             | 569                                  |
| 32311   | Printing .....  | 3  | 16                              | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325   | Chemical manufacturing .....  | -  | 9                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 48 967                               |
| 3254  | Pharmaceutical and medicine manufacturing .....                       | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541   | Pharmaceutical and medicine manufacturing .....                       | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414  | Biological product (except diagnostic) manufacturing ..               | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                          | -  | 29                              | 7                         | 1 042               | 38 240            | 678                 | 1 059         | 17 002          | 73 300                | 30 234                            | 102 785                            | 7 013                                |
| 3321  | Forging and stamping.....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33211   | Forging and stamping.....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332116  | Metal stamping .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337   | Furniture and related product manufacturing .....                     | -  | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 240                                  |
| 3372  | Office furniture (including fixtures) manufacturing .....             | -  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33721   | Office furniture (including fixtures) manufacturing .....             | -  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337215  | Showcase, partition, shelving, and locker manufacturing .....         | -  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing .....                                     | -  | 9                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing .....                               | -  | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33999   | All other miscellaneous manufacturing .....                           | -  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339994  | Broom, brush, and mop manufacturing .....                             | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>ERIE, PA METROPOLITAN STATISTICAL AREA</b>             |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | -  | 584                             | 217                       | 27 960              | 1 097 658         | 20 414              | 40 361        | 683 492         | 2 873 649             | 2 567 439                         | 5 550 992                          | 139 403                              |
| 311   | Food manufacturing .....  | 2  | 28                              | 10                        | 1 401               | 39 030            | 1 034               | 2 356         | 23 329          | 149 622               | 182 829                           | 333 085                            | 13 592                               |
| 3114  | Fruit and vegetable preserving and specialty food manufacturing ..... | 9  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31141   | Frozen food manufacturing .....                                       | 9  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311412  | Frozen specialty food manufacturing .....                             | 9  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3117  | Seafood product preparation and packaging.....                        | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31171   | Seafood product preparation and packaging .....                       | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311712  | Fresh and frozen seafood processing .....                             | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118  | Bakeries and tortilla manufacturing .....                             | 3  | 12                              | 4                         | 275                 | 6 231             | 220                 | 504           | 4 483           | 14 841                | 15 032                            | 30 032                             | D                                    |
| 31181   | Bread and bakery product manufacturing .....                          | 3  | 12                              | 4                         | 275                 | 6 231             | 220                 | 504           | 4 483           | 14 841                | 15 032                            | 30 032                             | D                                    |
| 312   | Beverage and tobacco product manufacturing .....                      | -  | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3121  | Beverage manufacturing .....  | -  | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211   | Soft drink and ice manufacturing .....                                | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111  | Soft drink manufacturing .....  | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....                                      | 3  | 22                              | 5                         | 335                 | 8 857             | 259                 | 473           | 5 172           | 20 592                | 22 719                            | 43 319                             | 1 372                                |
| 323   | Printing and related support activities .....                         | 1  | 27                              | 6                         | 376                 | 11 725            | 252                 | 461           | 6 934           | 24 084                | 13 318                            | 37 596                             | 832                                  |
| 3231  | Printing and related support activities .....                         | 1  | 27                              | 6                         | 376                 | 11 725            | 252                 | 461           | 6 934           | 24 084                | 13 318                            | 37 596                             | 832                                  |
| 32311   | Printing .....  | 1  | 27                              | 6                         | 376                 | 11 725            | 252                 | 461           | 6 934           | 24 084                | 13 318                            | 37 596                             | 832                                  |

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|--|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ERIE, PA METROPOLITAN STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 324  | Petroleum and coal products manufacturing .....                             | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241   | Petroleum and coal products manufacturing .....                             | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326  | Plastics and rubber products manufacturing .....                            | -              | 62                              | 41                        | 5 922               | 184 904           | 4 866               | 10 326        | 134 809         | 485 972               | 383 452                           | 868 039                            | 25 407                               |
| 3261   | Plastics product manufacturing ..   | -              | 57                              | 37                        | 5 410               | 164 562           | 4 481               | 9 567         | 120 754         | 416 783               | 353 537                           | 768 034                            | 24 574                               |
| 32619  | Other plastics product manufacturing .....                                  | -              | 48                              | 33                        | 5 027               | 151 590           | 4 179               | 8 974         | 111 233         | 378 067               | 296 149                           | 672 008                            | 21 536                               |
| 326199   | All other plastics product manufacturing .....                              | -              | 48                              | 33                        | 5 027               | 151 590           | 4 179               | 8 974         | 111 233         | 378 067               | 296 149                           | 672 008                            | 21 536                               |
| 3262   | Rubber product manufacturing ...  | -              | 5                               | 4                         | 512                 | 20 342            | 385                 | 759           | 14 055          | 69 189                | 29 915                            | 100 005                            | 833                                  |
| 32629  | Other rubber product manufacturing .....                                    | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326291   | Rubber product manufacturing for mechanical use .....                       | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331  | Primary metal manufacturing .....   | 1              | 15                              | 9                         | 909                 | 31 660            | 765                 | 1 437         | 23 981          | 78 179                | 64 510                            | 144 890                            | 1 912                                |
| 3315   | Foundries .....   | 1              | 11                              | 7                         | 772                 | 26 997            | 658                 | 1 265         | 20 743          | 58 786                | 54 501                            | 113 651                            | 1 716                                |
| 33152  | Nonferrous metal foundries ....   | 1              | 8                               | 5                         | 601                 | 20 221            | 530                 | 1 008         | 16 042          | 43 009                | 42 929                            | 86 517                             | 1 258                                |
| 331522   | Nonferrous (except aluminum) die-casting foundries .....                    | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332  | Fabricated metal product manufacturing .....                                | 1              | 168                             | 57                        | 5 203               | 185 762           | 3 852               | 7 447         | 118 703         | 432 757               | 295 014                           | 753 846                            | 19 671                               |
| 3321   | Forging and stamping.....   | 3              | 14                              | 8                         | 877                 | 30 387            | 662                 | 1 355         | 20 044          | 66 963                | 67 048                            | 134 660                            | 2 368                                |
| 33211  | Forging and stamping.....   | 3              | 14                              | 8                         | 877                 | 30 387            | 662                 | 1 355         | 20 044          | 66 963                | 67 048                            | 134 660                            | 2 368                                |
| 332111   | Iron and steel forging .....  | 9              | 5                               | 3                         | 301                 | 12 524            | 222                 | 454           | 8 596           | 21 737                | 28 072                            | 50 061                             | 879                                  |
| 332116   | Metal stamping .....  | 1              | 8                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323   | Architectural and structural metals manufacturing .....                     | 1              | 23                              | 12                        | 885                 | 31 320            | 632                 | 1 136         | 17 946          | 67 982                | 43 875                            | 113 444                            | 2 520                                |
| 33231  | Plate work and fabricated structural product manufacturing .....            | -              | 11                              | 6                         | 573                 | 21 760            | 406                 | 810           | 12 445          | 50 782                | 32 481                            | 84 509                             | 1 775                                |
| 332312   | Fabricated structural metal manufacturing .....                             | -              | 7                               | 4                         | 367                 | 13 598            | 253                 | 502           | 7 668           | 39 996                | 22 331                            | 63 477                             | D                                    |
| 33232  | Ornamental and architectural metal products manufacturing .....             | 5              | 12                              | 6                         | 312                 | 9 560             | 226                 | 326           | 5 501           | 17 200                | 11 394                            | 28 935                             | 745                                  |
| 332322   | Sheet metal work manufacturing .....  | 6              | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3324   | Boiler, tank, and shipping container manufacturing .....                    | -              | 3                               | 3                         | 263                 | 9 466             | 193                 | 333           | 6 343           | 15 750                | 24 937                            | 41 710                             | 1 025                                |
| 3326   | Spring and wire product manufacturing .....                                 | -              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33261  | Spring and wire product manufacturing .....                                 | -              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332612   | Spring (light gauge) manufacturing .....                                    | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327   | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 2              | 66                              | 15                        | 1 375               | 45 543            | 1 087               | 2 152         | 31 406          | 96 621                | 55 027                            | 151 571                            | 7 293                                |
| 33271  | Machine shops .....   | -              | 51                              | 8                         | 964                 | 32 001            | 771                 | 1 529         | 21 720          | 67 487                | 40 618                            | 107 742                            | 4 478                                |
| 332710   | Machine shops .....   | -              | 51                              | 8                         | 964                 | 32 001            | 771                 | 1 529         | 21 720          | 67 487                | 40 618                            | 107 742                            | 4 478                                |
| 33272  | Turned product and screw, nut, and bolt manufacturing .....                 | 5              | 15                              | 7                         | 411                 | 13 542            | 316                 | 623           | 9 686           | 29 134                | 14 409                            | 43 829                             | 2 815                                |
| 332721   | Precision turned product manufacturing .....                                | 7              | 13                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3328   | Coating, engraving, heat treating, and allied activities .....              | -              | 22                              | 6                         | 401                 | 12 328            | 305                 | 532           | 7 094           | 23 530                | 10 097                            | 33 636                             | 1 453                                |
| 33281  | Coating, engraving, heat treating, and allied activities ..                 | -              | 22                              | 6                         | 401                 | 12 328            | 305                 | 532           | 7 094           | 23 530                | 10 097                            | 33 636                             | 1 453                                |
| 332813   | Electroplating, plating, polishing, anodizing, and coloring .....           | -              | 16                              | 4                         | 326                 | 10 097            | 250                 | 435           | 5 631           | 18 722                | 8 132                             | 26 863                             | D                                    |
| 3329   | Other fabricated metal product manufacturing .....                          | -              | 32                              | 12                        | 1 067               | 40 223            | 698                 | 1 385         | 22 714          | 126 156               | 75 118                            | 225 130                            | 3 899                                |
| 33291  | Metal valve manufacturing ....  | -              | 16                              | 8                         | 813                 | 31 218            | 495                 | 965           | 16 488          | 110 706               | 69 701                            | 204 166                            | 1 846                                |
| 332912   | Fluid power valve and hose fitting manufacturing .....                      | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33299  | All other fabricated metal product manufacturing .....                      | 1              | 16                              | 4                         | 254                 | 9 005             | 203                 | 420           | 6 226           | 15 450                | 5 417                             | 20 964                             | 2 053                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code   | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ERIE, PA METROPOLITAN STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333  | Machinery manufacturing .....  | 2              | 112                             | 35                        | 2 709               | 120 048           | 1 838               | 3 672         | 70 096          | 220 935               | 121 966                           | 347 993                            | 9 092                                |
| 3335   | Metalworking machinery manufacturing .....   | 2              | 75                              | 21                        | 1 398               | 66 464            | 1 036               | 2 037         | 45 555          | 116 701               | 62 361                            | 180 530                            | 5 914                                |
| 33351  | Metalworking machinery manufacturing .....   | 2              | 75                              | 21                        | 1 398               | 66 464            | 1 036               | 2 037         | 45 555          | 116 701               | 62 361                            | 180 530                            | 5 914                                |
| 333511   | Industrial mold manufacturing .....  | —              | 43                              | 14                        | 731                 | 34 880            | 605                 | 1 221         | 28 035          | 64 740                | 24 448                            | 91 183                             | 3 729                                |
| 3336   | Engine, turbine, and power transmission equipment manufacturing .....                | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33361  | Engine, turbine, and power transmission equipment manufacturing .....                | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339   | Other general purpose machinery manufacturing .....                                  | 1              | 17                              | 9                         | 749                 | 28 381            | 414                 | 874           | 12 011          | 53 328                | 33 115                            | 87 069                             | 1 419                                |
| 33399  | All other general purpose machinery manufacturing ....                               | —              | 11                              | 6                         | 540                 | 21 068            | 310                 | 647           | 9 084           | 39 660                | 26 792                            | 67 048                             | 1 238                                |
| 333999   | All other miscellaneous general purpose machinery manufacturing .....                | —              | 6                               | 3                         | 372                 | 16 994            | 181                 | 390           | 6 614           | 32 272                | 22 042                            | 54 992                             | D                                    |
| 334  | Computer and electronic product manufacturing .....                                  | 1              | '23                             | '12                       | '1 108              | '41 410           | '607                | '1 118        | '17 351         | '78 903               | '69 020                           | '156 632                           | '7 264                               |
| 3344   | Semiconductor and other electronic component manufacturing .....                     | 3              | '13                             | '8                        | '610                | '17 099           | '388                | '787          | '7 987          | '31 068               | '32 625                           | '68 932                            | '5 678                               |
| 33441  | Semiconductor and other electronic component manufacturing .....                     | 3              | '13                             | '8                        | '610                | '17 099           | '388                | '787          | '7 987          | '31 068               | '32 625                           | '68 932                            | '5 678                               |
| 334419   | Other electronic component manufacturing .....                                       | 1              | 6                               | 3                         | 333                 | 9 381             | 203                 | 394           | 3 881           | 14 007                | 14 284                            | 33 514                             | D                                    |
| 3345   | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —              | 6                               | 3                         | 398                 | 20 748            | 175                 | 242           | 8 437           | 42 762                | 29 185                            | 74 382                             | D                                    |
| 33451  | Navigational, measuring, electromedical, and control instruments manufacturing ...   | —              | 6                               | 3                         | 398                 | 20 748            | 175                 | 242           | 8 437           | 42 762                | 29 185                            | 74 382                             | D                                    |
| 334514   | Totalizing fluid meter and counting device manufacturing .....                       | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335  | Electrical equipment, appliance, and component manufacturing .....                   | 1              | 17                              | 7                         | 825                 | 28 031            | 622                 | 1 236         | 18 813          | 70 398                | 35 144                            | 106 325                            | 1 469                                |
| 3353   | Electrical equipment manufacturing .....   | 1              | 6                               | 2                         | 324                 | 13 491            | 240                 | 515           | 9 825           | 29 754                | 13 091                            | 43 278                             | 556                                  |
| 33531  | Electrical equipment manufacturing .....   | 1              | 6                               | 2                         | 324                 | 13 491            | 240                 | 515           | 9 825           | 29 754                | 13 091                            | 43 278                             | 556                                  |
| 335312   | Motor and generator manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359   | Other electrical equipment and component manufacturing .....                         | 1              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593  | Wiring device manufacturing ...  | —              | 5                               | 2                         | 346                 | 10 191            | 267                 | 482           | 6 528           | 27 251                | 11 677                            | 39 432                             | 530                                  |
| 335931   | Current-carrying wiring device manufacturing .....                                   | 1              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336  | Transportation equipment manufacturing .....   | —              | 10                              | 4                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363   | Motor vehicle parts manufacturing .....  | —              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365   | Railroad rolling stock manufacturing .....   | —              | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651  | Railroad rolling stock manufacturing .....   | —              | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510   | Railroad rolling stock manufacturing .....   | —              | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337  | Furniture and related product manufacturing .....                                    | 1              | 18                              | 5                         | 517                 | 15 898            | 407                 | 781           | 10 637          | 25 857                | 23 692                            | 49 539                             | 534                                  |
| 3371   | Household and institutional furniture and kitchen cabinet manufacturing .....        | 1              | 11                              | 2                         | 326                 | 8 392             | 291                 | 545           | 6 932           | 11 398                | 12 076                            | 23 435                             | 361                                  |
| 33712  | Household and institutional furniture manufacturing .....                            | —              | 7                               | 2                         | 317                 | 8 148             | 283                 | 532           | 6 765           | 10 368                | 11 363                            | 21 692                             | 332                                  |
| 337122   | Nonupholstered wood household furniture manufacturing .....                          | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 311                                  |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry                                     | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ERIE, PA METROPOLITAN STATISTICAL AREA—Con.</b>  |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339   | Miscellaneous manufacturing .....                                | —              | '39                             | '14                       | '1 712              | '69 615           | '1 096              | '2 297        | '32 998         | '159 462              | '97 935                           | '260 733                           | '8 539                               |
| 3391  | Medical equipment and supplies manufacturing .....               | —              | 13                              | 3                         | 903                 | 46 097            | 482                 | 1 021         | 18 963          | 117 823               | 54 798                            | 175 296                            | D                                    |
| 33911   | Medical equipment and supplies manufacturing .....               | —              | 13                              | 3                         | 903                 | 46 097            | 482                 | 1 021         | 18 963          | 117 823               | 54 798                            | 175 296                            | D                                    |
| 339113  | Surgical appliance and supplies manufacturing .....              | —              | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing .....                          | 1              | '26                             | '11                       | '809                | '23 518           | '614                | '1 276        | '14 035         | '41 639               | '43 137                           | '85 437                            | D                                    |
| 33995   | Sign manufacturing .....   | 1              | 9                               | 4                         | 290                 | 9 231             | 222                 | 503           | 5 273           | 15 664                | 14 134                            | 30 189                             | 700                                  |
| 339950  | Sign manufacturing .....   | 1              | 9                               | 4                         | 290                 | 9 231             | 222                 | 503           | 5 273           | 15 664                | 14 134                            | 30 189                             | 700                                  |
| <b>HUNTINGDON, PA MICROPOLITAN STATISTICAL AREA</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....  | 2              | 45                              | 13                        | 2 184               | 66 673            | 1 782               | 3 381         | 45 652          | 228 274               | 219 139                           | 460 074                            | 30 930                               |
| 313   | Textile mills .....  | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3131  | Fiber, yarn, and thread mills .....                              | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31311   | Fiber, yarn, and thread mills .....                              | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313112  | Yarn texturizing, throwing, and twisting mills .....             | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322   | Paper manufacturing .....  | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222  | Converted paper product manufacturing .....                      | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223   | Stationery product manufacturing .....                           | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322233  | Stationery, tablet, and related product manufacturing .....      | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                     | —              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3329  | Other fabricated metal product manufacturing .....               | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33291   | Metal valve manufacturing .....                                  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332911  | Industrial valve manufacturing .....                             | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334   | Computer and electronic product manufacturing .....              | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344  | Semiconductor and other electronic component manufacturing ..... | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441   | Semiconductor and other electronic component manufacturing ..... | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334417  | Electronic connector manufacturing .....                         | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>INDIANA, PA MICROPOLITAN STATISTICAL AREA</b>    |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....  | —              | 105                             | 26                        | 3 392               | 117 328           | 2 482               | 4 884         | 78 171          | 276 921               | 213 322                           | 492 693                            | 9 887                                |
| 326   | Plastics and rubber products manufacturing .....                 | —              | 5                               | 2                         | 734                 | 18 342            | 564                 | 1 177         | 12 753          | 38 380                | 33 564                            | 71 402                             | 1 373                                |
| 3261  | Plastics product manufacturing .....                             | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....                       | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199  | All other plastics product manufacturing .....                   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262  | Rubber product manufacturing .....                               | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32621   | Tire manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326211  | Tire manufacturing (except retreading) .....                     | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....                  | 2              | 7                               | 3                         | 289                 | 9 354             | 215                 | 397           | 5 704           | 20 515                | 15 061                            | 35 828                             | 1 565                                |
| 331   | Primary metal manufacturing .....                                | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315  | Foundries .....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152   | Nonferrous metal foundries .....                                 | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331528  | Other nonferrous foundries (except die-casting) .....            | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                     | —              | 21                              | 5                         | 553                 | 17 800            | 409                 | 790           | 11 529          | 32 489                | 30 673                            | 65 403                             | 1 162                                |

See footnotes at end of table.

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|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>INDIANA, PA MICROPOLITAN STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333   | Machinery manufacturing .....   | -  | 16                              | 6                         | 417                 | 17 918            | 238                 | 441           | 8 698           | 24 579                | 27 261                            | 52 889                             | 768                                  |
| 3339  | Other general purpose machinery manufacturing .....   | -  | 4                               | 2                         | 261                 | 12 088            | 122                 | 254           | 4 831           | 14 845                | 19 684                            | 35 162                             | 305                                  |
| 33392   | Material handling equipment manufacturing .....   | -  | 4                               | 2                         | 261                 | 12 088            | 122                 | 254           | 4 831           | 14 845                | 19 684                            | 35 162                             | 305                                  |
| 333922  | Conveyor and conveying equipment manufacturing ..   | -  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337   | Furniture and related product manufacturing .....   | -  | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing .....                                 | -  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing .....   | -  | 10                              | 2                         | 351                 | 11 027            | 249                 | 564           | 6 830           | 41 231                | 17 428                            | 58 954                             | 1 121                                |
| <b>JOHNSTOWN, PA METROPOLITAN STATISTICAL AREA</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 1  | 151                             | 47                        | 4 186               | 135 489           | 2 969               | 5 662         | 77 968          | 355 646               | 651 389                           | 1 010 977                          | 24 398                               |
| 311   | Food manufacturing .....  | -  | 11                              | 1                         | 329                 | 12 801            | 125                 | 268           | 3 774           | 30 880                | 64 400                            | 95 353                             | D                                    |
| 3115  | Dairy product manufacturing .....   | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31151   | Dairy product (except frozen) manufacturing .....   | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311511  | Fluid milk manufacturing .....  | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312   | Beverage and tobacco product manufacturing .....  | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3121  | Beverage manufacturing .....  | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211   | Soft drink and ice manufacturing .....  | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111  | Soft drink manufacturing .....  | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315   | Apparel manufacturing .....   | 6  | 9                               | 3                         | 272                 | 3 328             | 215                 | 295           | 2 003           | 5 604                 | 5 871                             | 11 273                             | 78                                   |
| 3152  | Cut and sew apparel manufacturing .....   | 5  | 6                               | 3                         | 256                 | 2 918             | 202                 | 269           | 1 733           | 4 903                 | 5 165                             | 9 866                              | D                                    |
| 321   | Wood product manufacturing .....  | 1  | 19                              | 6                         | 340                 | 9 908             | 309                 | 608           | 8 307           | 19 140                | 22 384                            | 41 545                             | 1 443                                |
| 331   | Primary metal manufacturing .....   | -  | 7                               | 4                         | 665                 | 24 704            | 517                 | 1 069         | 17 114          | 69 512                | 92 872                            | 162 756                            | D                                    |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....   | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....   | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111  | Iron and steel mills .....  | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....  | 8  | 31                              | 12                        | 762                 | 23 942            | 555                 | 1 075         | 15 418          | 48 120                | 38 779                            | 86 923                             | 2 401                                |
| 3323  | Architectural and structural metals manufacturing .....   | 8  | 12                              | 6                         | 438                 | 13 571            | 301                 | 601           | 8 546           | 26 361                | 25 238                            | 51 494                             | 1 287                                |
| 33231   | Plate work and fabricated structural product manufacturing .....  | 9  | 10                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332312  | Fabricated structural metal manufacturing .....   | 9  | 6                               | 2                         | 259                 | 8 186             | 159                 | 320           | 4 852           | 15 088                | 18 188                            | 33 236                             | D                                    |
| 334   | Computer and electronic product manufacturing .....   | -  | 5                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345  | Navigational, measuring, electromedical, and control instruments manufacturing .....                          | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451   | Navigational, measuring, electromedical, and control instruments manufacturing ...                            | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334511  | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing ..... | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code   | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LANCASTER, PA METROPOLITAN STATISTICAL AREA</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | -              | 988                             | 340                       | 47 821              | 1 782 863         | 35 979              | 71 544        | 1 172 278       | 6 541 146             | 5 363 759                         | 11 871 514                         | 327 261                              |
| 311  | Food manufacturing .....  | -              | 122                             | 47                        | 8 636               | 310 854           | 6 466               | 12 797        | 212 402         | 1 765 966             | 1 484 308                         | 3 236 294                          | 56 701                               |
| 3111   | Animal food manufacturing .....                                       | 6              | 23                              | 6                         | 470                 | 17 801            | 206                 | 416           | 5 078           | 20 882                | 164 372                           | 191 552                            | D                                    |
| 31111  | Animal food manufacturing ....  | 6              | 23                              | 6                         | 470                 | 17 801            | 206                 | 416           | 5 078           | 20 882                | 164 372                           | 191 552                            | D                                    |
| 311119   | Other animal food manufacturing .....                                 | 6              | 22                              | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3112   | Grain and oilseed milling .....                                       | -              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31123  | Breakfast cereal manufacturing .....                                  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311230   | Breakfast cereal manufacturing .....                                  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113   | Sugar and confectionery product manufacturing .....                   | -              | 12                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 9 006                                |
| 31132  | Chocolate and confectionery manufacturing from cacao beans .....      | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311320   | Chocolate and confectionery manufacturing from cacao beans .....      | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31134  | Nonchocolate confectionery manufacturing .....                        | -              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311340   | Nonchocolate confectionery manufacturing .....                        | -              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114   | Fruit and vegetable preserving and specialty food manufacturing ..... | -              | 4                               | 2                         | 371                 | 13 165            | 346                 | 724           | 11 987          | 33 496                | 50 154                            | 84 835                             | D                                    |
| 3115   | Dairy product manufacturing .....                                     | -              | 8                               | 3                         | 1 163               | 37 751            | 709                 | 1 444         | 23 239          | 211 140               | 209 709                           | 413 949                            | 12 231                               |
| 31152  | Ice cream and frozen dessert manufacturing .....                      | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311520   | Ice cream and frozen dessert manufacturing .....                      | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116   | Animal slaughtering and processing .....                              | -              | 13                              | 8                         | 1 732               | 48 576            | 1 450               | 2 890         | 34 275          | 114 205               | 222 342                           | 335 562                            | 9 888                                |
| 31161  | Animal slaughtering and processing .....                              | -              | 13                              | 8                         | 1 732               | 48 576            | 1 450               | 2 890         | 34 275          | 114 205               | 222 342                           | 335 562                            | 9 888                                |
| 311612   | Meat processed from carcasses .....                                   | -              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 331                                |
| 311615   | Poultry processing .....  | -              | 3                               | 3                         | 1 136               | 25 629            | 1 038               | 1 957         | 21 649          | 50 869                | 167 246                           | 218 023                            | D                                    |
| 3118   | Bakeries and tortilla manufacturing .....                             | -              | 32                              | 8                         | 1 282               | 43 566            | 1 073               | 1 919         | 37 027          | 226 258               | 74 681                            | 300 447                            | 4 061                                |
| 31181  | Bread and bakery product manufacturing .....                          | 1              | 29                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182  | Cookie, cracker, and pasta manufacturing .....                        | -              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821   | Cookie and cracker manufacturing .....                                | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119   | Other food manufacturing .....  | 2              | 25                              | 13                        | 1 496               | 44 238            | 943                 | 1 795         | 20 374          | 157 002               | 198 128                           | 353 116                            | 4 067                                |
| 31191  | Snack food manufacturing .....  | 6              | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 884                                |
| 311919   | Other snack food manufacturing .....                                  | 6              | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 884                                |
| 31199  | All other food manufacturing .....                                    | -              | 10                              | 6                         | 817                 | 23 314            | 515                 | 926           | 10 564          | 77 232                | 145 226                           | 222 614                            | D                                    |
| 311999   | All other miscellaneous food manufacturing .....                      | -              | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 631                                |
| 313  | Textile mills .....   | 3              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314  | Textile product mills .....   | 3              | 18                              | 1                         | 264                 | 6 584             | 174                 | 349           | 3 555           | 13 297                | 6 798                             | 16 707                             | D                                    |
| 315  | Apparel manufacturing .....   | 1              | 31                              | 10                        | 1 388               | 34 307            | 1 147               | 2 207         | 24 772          | 113 779               | 155 325                           | 252 110                            | 6 377                                |
| 3152   | Cut and sew apparel manufacturing .....                               | 1              | 24                              | 5                         | 572                 | 13 595            | 493                 | 969           | 10 549          | 52 842                | 113 013                           | 152 564                            | 5 888                                |
| 3159   | Apparel accessories and other apparel manufacturing .....             | 1              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31599  | Apparel accessories and other apparel manufacturing .....             | 1              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315991   | Hat, cap, and millinery manufacturing .....                           | 1              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321  | Wood product manufacturing .....                                      | 1              | 80                              | 18                        | 2 749               | 88 131            | 2 186               | 4 463         | 62 187          | 205 711               | 191 469                           | 396 692                            | 7 209                                |
| 3219   | Other wood product manufacturing .....                                | -              | 70                              | 14                        | 2 472               | 80 069            | 1 967               | 4 000         | 56 617          | 190 343               | 174 550                           | 364 630                            | 6 517                                |
| 32191  | Millwork .....  | -              | 25                              | 4                         | 1 295               | 41 584            | 1 029               | 2 257         | 29 072          | 95 953                | 63 165                            | 158 908                            | 4 623                                |
| 321911   | Wood window and door manufacturing .....                              | -              | 7                               | 4                         | 1 206               | 39 033            | 954                 | 2 119         | 27 143          | 89 533                | 54 516                            | 144 089                            | 4 367                                |
| 32199  | All other wood product manufacturing .....                            | 1              | 37                              | 9                         | 1 092               | 35 933            | 863                 | 1 594         | 25 622          | 88 810                | 106 014                           | 194 769                            | 1 500                                |
| 321991   | Manufactured home (mobile home) manufacturing .....                   | -              | 7                               | 7                         | 798                 | 27 147            | 625                 | 1 116         | 18 604          | 68 187                | 82 193                            | 150 563                            | 750                                  |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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| NAICS code  | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LANCASTER, PA METROPOLITAN STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322   | Paper manufacturing .....   | -  | 13                              | 9                         | 615                 | 25 378            | 405                 | 814           | 11 988          | 59 762                | 111 658                           | 172 070                            | 6 267                                |
| 3222  | Converted paper product manufacturing .....                             | -  | 13                              | 9                         | 615                 | 25 378            | 405                 | 814           | 11 988          | 59 762                | 111 658                           | 172 070                            | 6 267                                |
| 32221   | Paperboard container manufacturing .....                                | -  | 7                               | 5                         | 489                 | 21 500            | 333                 | 668           | 9 802           | 51 528                | 86 826                            | 137 385                            | D                                    |
| 322211  | Corrugated and solid fiber box manufacturing .....                      | -  | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323   | Printing and related support activities .....                           | -  | 87                              | 38                        | 5 948               | 229 665           | 4 778               | 8 897         | 171 977         | 586 260               | 378 699                           | 962 365                            | 35 453                               |
| 3231  | Printing and related support activities .....                           | -  | 87                              | 38                        | 5 948               | 229 665           | 4 778               | 8 897         | 171 977         | 586 260               | 378 699                           | 962 365                            | 35 453                               |
| 32311   | Printing .....  | -  | 75                              | 33                        | 5 708               | 221 031           | 4 590               | 8 604         | 167 019         | 573 486               | 375 565                           | 946 538                            | 32 682                               |
| 323110  | Commercial lithographic printing .....                                  | -  | 48                              | 26                        | 5 163               | 201 719           | 4 145               | 7 727         | 152 228         | 530 357               | 332 526                           | 860 446                            | 29 331                               |
| 323116  | Manifold business forms printing .....                                  | -  | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325   | Chemical manufacturing .....  | -  | 28                              | 6                         | 2 074               | 123 458           | 1 155               | 2 465         | 54 786          | 1 323 437             | 331 306                           | 1 643 215                          | 41 226                               |
| 3254  | Pharmaceutical and medicine manufacturing .....                         | -  | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 40 039                               |
| 32541   | Pharmaceutical and medicine manufacturing .....                         | -  | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 40 039                               |
| 325412  | Pharmaceutical preparation manufacturing .....                          | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414  | Biological product (except diagnostic) manufacturing ..                 | 2  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326   | Plastics and rubber products manufacturing .....                        | 3  | '34                             | '19                       | '3 658              | '117 201          | '3 142              | '6 062        | '85 796         | '448 626              | '494 761                          | '938 390                           | 45 372                               |
| 3261  | Plastics product manufacturing ..                                       | 4  | '25                             | '16                       | '3 243              | '99 846           | '2 900              | '5 590        | '78 165         | '395 868              | '467 569                          | '859 666                           | D                                    |
| 32614   | Polystyrene foam product manufacturing .....                            | 9  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326140  | Polystyrene foam product manufacturing .....                            | 9  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....                              | 1  | '15                             | '8                        | '1 574              | '49 287           | '1 331              | '2 554        | '34 357         | '270 731              | '269 337                          | '539 040                           | 19 469                               |
| 326192  | Resilient floor covering manufacturing .....                            | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199  | All other plastics product manufacturing .....                          | 7  | '13                             | '6                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262  | Rubber product manufacturing ...  | -  | 9                               | 3                         | 415                 | 17 355            | 242                 | 472           | 7 631           | 52 758                | 27 192                            | 78 724                             | D                                    |
| 327   | Nonmetallic mineral product manufacturing .....                         | -  | 30                              | 13                        | 1 652               | 61 374            | 1 357               | 2 617         | 47 007          | 133 907               | 137 322                           | 269 883                            | 11 532                               |
| 3273  | Cement and concrete product manufacturing .....                         | -  | 17                              | 8                         | 853                 | 28 669            | 696                 | 1 481         | 21 530          | 60 501                | 83 433                            | 142 331                            | 7 158                                |
| 32733   | Concrete pipe, brick, and block manufacturing .....                     | -  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32739   | Other concrete product manufacturing .....                              | -  | 8                               | 4                         | 510                 | 17 030            | 438                 | 906           | 13 490          | 37 262                | 49 987                            | 86 326                             | 4 495                                |
| 327390  | Other concrete product manufacturing .....                              | -  | 8                               | 4                         | 510                 | 17 030            | 438                 | 906           | 13 490          | 37 262                | 49 987                            | 86 326                             | 4 495                                |
| 3279  | Other nonmetallic mineral product manufacturing .....                   | -  | 8                               | 3                         | 712                 | 30 348            | 590                 | 991           | 23 865          | 67 109                | 44 328                            | 111 287                            | D                                    |
| 32799   | All other nonmetallic mineral product manufacturing .....               | -  | 8                               | 3                         | 712                 | 30 348            | 590                 | 991           | 23 865          | 67 109                | 44 328                            | 111 287                            | D                                    |
| 327993  | Mineral wool manufacturing ..   | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327999  | All other miscellaneous nonmetallic mineral product manufacturing ..... | 3  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331   | Primary metal manufacturing .....                                       | -  | 25                              | 16                        | 2 760               | 116 450           | 2 170               | 4 318         | 81 855          | 219 010               | 608 990                           | 830 957                            | 12 348                               |
| 3313  | Alumina and aluminum production and processing .....                    | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131   | Alumina and aluminum production and processing ...                      | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331315  | Aluminum sheet, plate, and foil manufacturing .....                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314  | Nonferrous metal (except aluminum) production and processing .....      | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33142   | Copper rolling, drawing, extruding, and alloying .....                  | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331422  | Copper wire (except mechanical) drawing.....                            | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315  | Foundries .....   | -  | 18                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 033                                |
| 33151   | Ferrous metal foundries .....   | -  | 7                               | 5                         | 712                 | 20 758            | 627                 | 1 170         | 17 307          | 21 242                | 26 837                            | 50 994                             | 1 708                                |
| 331511  | Iron foundries .....  | -  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33152   | Nonferrous metal foundries .....  | -  | 11                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 325                                |
| 331524  | Aluminum foundries (except die-casting).....                            | -  | 7                               | 2                         | 301                 | 9 407             | 265                 | 482           | 7 467           | 24 014                | 7 518                             | 31 185                             | D                                    |

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|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LANCASTER, PA METROPOLITAN STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332   | Fabricated metal product manufacturing .....   | -              | 185                             | 52                        | 6 648               | 250 674           | 4 807               | 10 372        | 158 912         | 524 118               | 425 301                           | 964 877                            | 31 045                               |
| 3323  | Architectural and structural metals manufacturing .....  | -              | 53                              | 15                        | 2 138               | 87 251            | 1 498               | 3 100         | 57 016          | 193 953               | 197 371                           | 402 389                            | 8 541                                |
| 33231   | Plate work and fabricated structural product manufacturing .....                                   | -              | 27                              | 11                        | 1 624               | 66 648            | 1 186               | 2 460         | 45 621          | 142 844               | 123 761                           | 278 143                            | 6 403                                |
| 332312  | Fabricated structural metal manufacturing .....  | -              | 18                              | 7                         | 1 291               | 52 906            | 960                 | 2 013         | 36 785          | 109 660               | 106 644                           | 228 629                            | 5 826                                |
| 332313  | Plate work manufacturing ...   | 1              | 4                               | 3                         | 277                 | 11 998            | 192                 | 374           | 7 884           | 24 664                | 10 259                            | 34 960                             | D                                    |
| 33232   | Ornamental and architectural metal products manufacturing .....                                    | -              | 26                              | 4                         | 514                 | 20 603            | 312                 | 640           | 11 395          | 51 109                | 73 610                            | 124 246                            | 2 138                                |
| 332322  | Sheet metal work manufacturing .....   | -              | 19                              | 4                         | 480                 | 19 508            | 289                 | 589           | 10 622          | 48 645                | 70 937                            | 118 947                            | 2 121                                |
| 3324  | Boiler, tank, and shipping container manufacturing .....   | 1              | 6                               | 2                         | 333                 | 12 912            | 265                 | 591           | 9 583           | 17 819                | 28 892                            | 46 665                             | 1 638                                |
| 3325  | Hardware manufacturing .....   | -              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33251   | Hardware manufacturing .....   | -              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332510  | Hardware manufacturing ...   | -              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3326  | Spring and wire product manufacturing .....  | 1              | 13                              | 4                         | 268                 | 7 982             | 204                 | 352           | 4 960           | 16 438                | 10 031                            | 26 476                             | 510                                  |
| 33261   | Spring and wire product manufacturing .....  | 1              | 13                              | 4                         | 268                 | 7 982             | 204                 | 352           | 4 960           | 16 438                | 10 031                            | 26 476                             | 510                                  |
| 332618  | Other fabricated wire product manufacturing .....  | 1              | 13                              | 4                         | 268                 | 7 982             | 204                 | 352           | 4 960           | 16 438                | 10 031                            | 26 476                             | 510                                  |
| 3327  | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                        | -              | 77                              | 18                        | 1 332               | 45 610            | 1 019               | 1 963         | 30 809          | 84 654                | 47 682                            | 134 508                            | 5 469                                |
| 33271   | Machine shops .....  | 1              | 59                              | 8                         | 610                 | 22 500            | 429                 | 771           | 14 386          | 39 887                | 21 200                            | 62 680                             | 3 269                                |
| 332710  | Machine shops .....  | 1              | 59                              | 8                         | 610                 | 22 500            | 429                 | 771           | 14 386          | 39 887                | 21 200                            | 62 680                             | 3 269                                |
| 33272   | Turned product and screw, nut, and bolt manufacturing .....  | -              | 18                              | 10                        | 722                 | 23 110            | 590                 | 1 192         | 16 423          | 44 767                | 26 482                            | 71 828                             | 2 200                                |
| 332721  | Precision turned product manufacturing .....   | -              | 14                              | 8                         | 645                 | 19 897            | 533                 | 1 080         | 14 653          | 40 451                | 22 795                            | 63 733                             | 2 123                                |
| 3329  | Other fabricated metal product manufacturing .....   | -              | 15                              | 8                         | 1 965               | 74 543            | 1 379               | 3 525         | 43 919          | 166 259               | 112 890                           | 282 704                            | 7 799                                |
| 33291   | Metal valve manufacturing ....   | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332911  | Industrial valve manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332919  | Other metal valve and pipe fitting manufacturing .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33299   | All other fabricated metal product manufacturing .....   | -              | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332991  | Ball and roller bearing manufacturing .....  | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333   | Machinery manufacturing .....  | -              | '74                             | '31                       | '2 880              | '120 330          | '1 898              | '3 899        | '74 333         | '334 270              | '264 104                          | '590 719                           | 25 166                               |
| 3331  | Agriculture, construction, and mining machinery manufacturing .....                                | -              | 24                              | 7                         | 959                 | 47 414            | 801                 | 1 611         | 38 197          | 137 527               | 107 971                           | 232 883                            | D                                    |
| 33311   | Agricultural implement manufacturing .....   | -              | 20                              | 4                         | 870                 | 44 056            | 744                 | 1 496         | 36 342          | 130 406               | 102 576                           | 220 765                            | D                                    |
| 333111  | Farm machinery and equipment manufacturing ..  | -              | 19                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 133                                |
| 3332  | Industrial machinery manufacturing .....   | 2              | 13                              | 5                         | 298                 | 11 426            | 119                 | 238           | 3 942           | 26 666                | 10 898                            | 37 676                             | 1 091                                |
| 3334  | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | -              | 8                               | 6                         | 904                 | 33 037            | 492                 | 1 084         | 15 764          | 112 722               | 103 913                           | 218 096                            | D                                    |
| 33341   | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | -              | 8                               | 6                         | 904                 | 33 037            | 492                 | 1 084         | 15 764          | 112 722               | 103 913                           | 218 096                            | D                                    |
| 333414  | Heating equipment (except warm air furnaces) manufacturing .....                                   | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3335  | Metalworking machinery manufacturing .....   | -              | '11                             | '6                        | '273                | '12 049           | '205                | '431          | '8 313          | '16 550               | '7 109                            | '23 864                            | 528                                  |
| 33351   | Metalworking machinery manufacturing .....   | -              | '11                             | '6                        | '273                | '12 049           | '205                | '431          | '8 313          | '16 550               | '7 109                            | '23 864                            | 528                                  |
| 3339  | Other general purpose machinery manufacturing .....  | 4              | 13                              | 6                         | 405                 | 14 019            | 260                 | 497           | 7 323           | 35 714                | 32 328                            | 71 217                             | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LANCASTER, PA METROPOLITAN STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334   | Computer and electronic product manufacturing .....   | —              | 19                              | 12                        | 1 646               | 70 423            | 1 008               | 1 941         | 33 891          | 196 967               | 185 359                           | 380 456                            | 11 089                               |
| 3342  | Communications equipment manufacturing .....  | —              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 506                                |
| 33422   | Radio and television broadcasting and wireless communications equipment manufacturing ..... | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 506                                |
| 334220  | Radio and television broadcasting and wireless communications equipment manufacturing ..... | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 506                                |
| 3344  | Semiconductor and other electronic component manufacturing .....                            | —              | 8                               | 5                         | 807                 | 35 982            | 518                 | 964           | 19 046          | 96 404                | 71 069                            | 166 967                            | 4 722                                |
| 33441   | Semiconductor and other electronic component manufacturing .....                            | —              | 8                               | 5                         | 807                 | 35 982            | 518                 | 964           | 19 046          | 96 404                | 71 069                            | 166 967                            | 4 722                                |
| 334411  | Electron tube manufacturing .....   | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334417  | Electronic connector manufacturing .....  | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335   | Electrical equipment, appliance, and component manufacturing .....                          | —              | 12                              | 7                         | 1 275               | 46 511            | 955                 | 1 817         | 28 085          | 85 157                | 152 228                           | 241 370                            | 5 574                                |
| 3353  | Electrical equipment manufacturing .....  | 3              | 3                               | 2                         | 305                 | 9 971             | 188                 | 241           | 3 143           | 12 118                | 22 736                            | 37 347                             | D                                    |
| 33531   | Electrical equipment manufacturing .....  | 3              | 3                               | 2                         | 305                 | 9 971             | 188                 | 241           | 3 143           | 12 118                | 22 736                            | 37 347                             | D                                    |
| 3359  | Other electrical equipment and component manufacturing .....                                | —              | 5                               | 5                         | 960                 | 36 243            | 760                 | 1 563         | 24 787          | 72 213                | 129 031                           | 202 736                            | 5 007                                |
| 33592   | Communication and energy wire and cable manufacturing .....                                 | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335929  | Other communication and energy wire manufacturing .....                                     | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336   | Transportation equipment manufacturing .....  | —              | 22                              | 12                        | 1 435               | 44 742            | 1 115               | 2 289         | 30 858          | 124 389               | 200 268                           | 328 159                            | 3 230                                |
| 3362  | Motor vehicle body and trailer manufacturing .....  | 1              | 14                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 589                                |
| 33621   | Motor vehicle body and trailer manufacturing .....  | 1              | 14                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 589                                |
| 336211  | Motor vehicle body manufacturing .....  | —              | 5                               | 3                         | 428                 | 12 748            | 341                 | 650           | 10 616          | 15 471                | 60 546                            | 76 511                             | D                                    |
| 336214  | Travel trailer and camper manufacturing .....   | 4              | 7                               | 5                         | 491                 | 13 616            | 390                 | 759           | 8 183           | 23 084                | 30 817                            | 53 434                             | 917                                  |
| 337   | Furniture and related product manufacturing .....   | 2              | 116                             | 29                        | 2 379               | 75 585            | 1 920               | 3 788         | 53 214          | 143 305               | 116 594                           | 260 713                            | 9 432                                |
| 3371  | Household and institutional furniture and kitchen cabinet manufacturing .....               | 2              | 101                             | 19                        | 1 708               | 51 844            | 1 394               | 2 780         | 37 158          | 91 858                | 66 368                            | 158 406                            | 7 208                                |
| 33711   | Wood kitchen cabinet and countertop manufacturing .....                                     | 2              | 54                              | 15                        | 1 160               | 37 599            | 921                 | 1 815         | 25 777          | 65 248                | 38 497                            | 103 673                            | 3 155                                |
| 337110  | Wood kitchen cabinet and countertop manufacturing .....                                     | 2              | 54                              | 15                        | 1 160               | 37 599            | 921                 | 1 815         | 25 777          | 65 248                | 38 497                            | 103 673                            | 3 155                                |
| 33712   | Household and institutional furniture manufacturing .....                                   | 3              | 47                              | 4                         | 548                 | 14 245            | 473                 | 965           | 11 381          | 26 610                | 27 871                            | 54 733                             | 4 053                                |
| 3372  | Office furniture (including fixtures) manufacturing .....                                   | 4              | 11                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33721   | Office furniture (including fixtures) manufacturing .....                                   | 4              | 11                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337215  | Showcase, partition, shelving, and locker manufacturing .....                               | 4              | 6                               | 4                         | 285                 | 10 348            | 219                 | 435           | 6 723           | 16 498                | 19 082                            | 36 379                             | 567                                  |
| 3379  | Other furniture related product manufacturing .....   | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33791   | Mattress manufacturing .....  | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337910  | Mattress manufacturing .....  | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing .....   | 4              | 68                              | 12                        | 1 225               | 40 717            | 880                 | 1 609         | 23 263          | 195 445               | 65 054                            | 259 390                            | 14 910                               |
| 3391  | Medical equipment and supplies manufacturing .....  | 2              | 17                              | 4                         | 398                 | 14 550            | 269                 | 581           | 8 240           | 101 841               | 21 184                            | 122 288                            | 7 385                                |
| 33911   | Medical equipment and supplies manufacturing .....  | 2              | 17                              | 4                         | 398                 | 14 550            | 269                 | 581           | 8 240           | 101 841               | 21 184                            | 122 288                            | 7 385                                |
| 3399  | Other miscellaneous manufacturing .....   | 6              | 51                              | 8                         | 827                 | 26 167            | 611                 | 1 028         | 15 023          | 93 604                | 43 870                            | 137 102                            | 7 525                                |
| 33999   | All other miscellaneous manufacturing .....   | 7              | 25                              | 6                         | 638                 | 20 832            | 472                 | 745           | 11 842          | 83 278                | 35 481                            | 118 417                            | 7 191                                |
| 339999  | All other miscellaneous manufacturing .....   | 7              | 20                              | 5                         | 512                 | 17 218            | 367                 | 531           | 9 430           | 73 513                | 29 648                            | 102 727                            | 6 970                                |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

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|--|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LEWISTOWN, PA MICROPOLITAN STATISTICAL AREA</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....  | -              | 83                              | 25                        | 4 497               | 166 519           | 3 572               | 7 387         | 122 962         | 412 785               | 494 393                           | 908 044                            | 15 728                               |
| 314  | Textile product mills .....  | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141   | Textile furnishings mills .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31411  | Carpet and rug mills .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314110   | Carpet and rug mills .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321  | Wood product manufacturing .....   | 1              | 23                              | 3                         | 561                 | 13 587            | 486                 | 801           | 10 365          | 28 322                | 44 850                            | 73 471                             | 1 009                                |
| 3219   | Other wood product manufacturing .....   | -              | 9                               | 2                         | 438                 | 11 307            | 375                 | 672           | 8 460           | 21 759                | 29 054                            | 51 124                             | 272                                  |
| 32199  | All other wood product manufacturing .....   | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321991   | Manufactured home (mobile home) manufacturing .....                                  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326  | Plastics and rubber products manufacturing .....                                     | -              | 6                               | 4                         | 646                 | 17 208            | 561                 | 1 169         | 15 029          | 38 633                | 54 776                            | 93 914                             | D                                    |
| 3261   | Plastics product manufacturing ..  | -              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611  | Plastics packaging materials and unlaminated film and sheet manufacturing .....      | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326111   | Plastics bag manufacturing ..  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331  | Primary metal manufacturing .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311   | Iron and steel mills and ferroalloy manufacturing .....                              | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111  | Iron and steel mills and ferroalloy manufacturing .....                              | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111   | Iron and steel mills .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332  | Fabricated metal product manufacturing .....   | -              | 8                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 433                                |
| 3323   | Architectural and structural metals manufacturing .....                              | -              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232  | Ornamental and architectural metal products manufacturing .....                      | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332321   | Metal window and door manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333  | Machinery manufacturing .....  | -              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3331   | Agriculture, construction, and mining machinery manufacturing .....                  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33312  | Construction machinery manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333120   | Construction machinery manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334  | Computer and electronic product manufacturing .....                                  | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345   | Navigational, measuring, electromedical, and control instruments manufacturing ..... | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451  | Navigational, measuring, electromedical, and control instruments manufacturing ..    | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334519   | Other measuring and controlling device manufacturing .....                           | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MEADVILLE, PA MICROPOLITAN STATISTICAL AREA</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....  | 1              | 323                             | 92                        | 7 499               | 274 660           | 5 568               | 10 832        | 173 610         | 735 735               | 522 151                           | 1 259 068                          | 68 310                               |
| 311  | Food manufacturing .....   | -              | 9                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 555                                |
| 321  | Wood product manufacturing .....   | 2              | 29                              | 9                         | 569                 | 18 881            | 481                 | 1 045         | 14 449          | 40 968                | 86 103                            | 123 651                            | 2 138                                |
| 3219   | Other wood product manufacturing .....   | -              | 15                              | 6                         | 400                 | 11 915            | 346                 | 746           | 9 504           | 30 670                | 50 680                            | 81 749                             | 1 534                                |
| 326  | Plastics and rubber products manufacturing .....                                     | 1              | 19                              | 11                        | 1 236               | 40 684            | 1 011               | 1 938         | 28 298          | 112 467               | 106 787                           | 217 486                            | 6 619                                |
| 3261   | Plastics product manufacturing ..  | 2              | 16                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32612  | Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing .....       | -              | 4                               | 3                         | 285                 | 9 207             | 244                 | 507           | 7 146           | 34 219                | 51 876                            | 86 347                             | D                                    |
| 326122   | Plastics pipe and pipe fitting manufacturing .....                                   | -              | 4                               | 3                         | 285                 | 9 207             | 244                 | 507           | 7 146           | 34 219                | 51 876                            | 86 347                             | D                                    |
| 32619  | Other plastics product manufacturing .....   | 3              | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 738                                |
| 326199   | All other plastics product manufacturing .....                                       | 3              | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 738                                |

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|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>MEADVILLE, PA MICROPOLITAN STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327   | Nonmetallic mineral product manufacturing .....                             | -  | 8                               | 3                         | 435                 | 17 061            | 331                 | 630           | 10 821          | 66 703                | 42 878                            | 110 236                            | D                                    |
| 3272  | Glass and glass product manufacturing .....                                 | -  | 1                               | e                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721   | Glass and glass product manufacturing .....                                 | -  | 1                               | e                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327211  | Flat glass manufacturing .....  | -  | 1                               | e                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331   | Primary metal manufacturing .....   | 1  | 8                               | 5                         | 385                 | 13 867            | 309                 | 616           | 9 747           | 29 901                | 14 221                            | 44 182                             | 882                                  |
| 3315  | Foundries .....   | 1  | 5                               | 3                         | 280                 | 10 547            | 228                 | 450           | 7 451           | 24 488                | 9 755                             | 34 575                             | D                                    |
| 332   | Fabricated metal product manufacturing .....                                | -  | 87                              | 23                        | 2 154               | 71 696            | 1 606               | 3 007         | 45 564          | 175 927               | 118 527                           | 296 530                            | 7 876                                |
| 3321  | Forging and stamping.....   | -  | 8                               | 3                         | 490                 | 19 704            | 275                 | 589           | 9 636           | 43 399                | 50 191                            | 94 049                             | 1 283                                |
| 33211   | Forging and stamping.....   | -  | 8                               | 3                         | 490                 | 19 704            | 275                 | 589           | 9 636           | 43 399                | 50 191                            | 94 049                             | 1 283                                |
| 332111  | Iron and steel forging .....  | -  | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3322  | Cutlery and handtool manufacturing .....                                    | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33221   | Cutlery and handtool manufacturing .....                                    | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332212  | Hand and edge tool manufacturing .....                                      | -  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327  | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 1  | 47                              | 7                         | 703                 | 24 434            | 546                 | 1 089         | 17 743          | 58 146                | 23 913                            | 81 929                             | 2 154                                |
| 33271   | Machine shops .....   | 3  | 44                              | 5                         | 358                 | 11 983            | 282                 | 512           | 8 571           | 26 720                | 10 738                            | 37 807                             | 1 962                                |
| 332710  | Machine shops .....   | 3  | 44                              | 5                         | 358                 | 11 983            | 282                 | 512           | 8 571           | 26 720                | 10 738                            | 37 807                             | 1 962                                |
| 33272   | Turned product and screw, nut, and bolt manufacturing .....                 | -  | 3                               | 2                         | 345                 | 12 451            | 264                 | 577           | 9 172           | 31 426                | 13 175                            | 44 122                             | 192                                  |
| 333   | Machinery manufacturing .....   | 2  | 108                             | 31                        | 1 716               | 73 851            | 1 166               | 2 265         | 43 405          | 137 318               | 45 817                            | 187 728                            | 8 671                                |
| 3335  | Metalworking machinery manufacturing .....                                  | 2  | 98                              | 29                        | 1 525               | 66 410            | 1 065               | 2 075         | 40 779          | 121 285               | 37 537                            | 163 274                            | 8 402                                |
| 33351   | Metalworking machinery manufacturing .....                                  | 2  | 98                              | 29                        | 1 525               | 66 410            | 1 065               | 2 075         | 40 779          | 121 285               | 37 537                            | 163 274                            | 8 402                                |
| 333511  | Industrial mold manufacturing .....   | 1  | 27                              | 11                        | 522                 | 22 569            | 393                 | 762           | 15 094          | 37 295                | 11 780                            | 49 772                             | 1 802                                |
| 333514  | Special die and tool, die set, jig, and fixture manufacturing .....         | 3  | 49                              | 14                        | 621                 | 24 512            | 476                 | 906           | 16 958          | 44 954                | 16 390                            | 64 251                             | 1 748                                |
| 333515  | Cutting tool and machine tool accessory manufacturing...                    | 1  | 17                              | 2                         | 299                 | 16 556            | 141                 | 295           | 7 185           | 33 145                | 7 140                             | 41 284                             | D                                    |
| <b>OIL CITY, PA MICROPOLITAN STATISTICAL AREA</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 2  | 90                              | 32                        | 3 865               | 154 469           | 2 738               | 5 292         | 86 240          | 342 508               | 426 061                           | 773 275                            | 22 919                               |
| 331   | Primary metal manufacturing .....   | -  | 7                               | 6                         | 611                 | 22 620            | 487                 | 1 157         | 16 226          | 49 101                | 91 707                            | 140 135                            | 1 659                                |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....                     | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....                     | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111  | Iron and steel mills .....  | -  | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                                | 1  | 21                              | 6                         | 329                 | 11 827            | 257                 | 496           | 7 793           | 29 013                | 20 945                            | 51 394                             | 4 424                                |
| 333   | Machinery manufacturing .....   | -  | 12                              | 3                         | 1 333               | 63 866            | 816                 | 1 611         | 30 150          | 117 228               | 145 166                           | 265 970                            | 5 197                                |
| 3331  | Agriculture, construction, and mining machinery manufacturing .....         | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33313   | Mining and oil and gas field machinery manufacturing .....                  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333131  | Mining machinery and equipment manufacturing .....                          | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3332  | Industrial machinery manufacturing .....                                    | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33322   | Plastics and rubber industry machinery manufacturing .....                  | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333220  | Plastics and rubber industry machinery manufacturing .....                  | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339   | Miscellaneous manufacturing .....   | 1  | 6                               | 4                         | 441                 | 13 674            | 317                 | 552           | 6 093           | 43 260                | 37 055                            | 79 626                             | 4 508                                |
| 3391  | Medical equipment and supplies manufacturing .....                          | 1  | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911   | Medical equipment and supplies manufacturing .....                          | 1  | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339113  | Surgical appliance and supplies manufacturing .....                         | 1  | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>POTTSVILLE, PA MICROPOLITAN STATISTICAL AREA</b>                                    |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33      | Manufacturing .....  | 1              | 202                             | 91                        | 12 057              | 397 220           | 9 505               | 18 909        | 274 711         | 1 409 129             | 1 104 456                         | 2 529 575                          | 60 665                               |
| 311        | Food manufacturing .....   | -              | 22                              | 6                         | 786                 | 23 295            | 624                 | 1 258         | 15 889          | 89 821                | 97 901                            | 187 522                            | 2 478                                |
| 312        | Beverage and tobacco product manufacturing .....                                       | -              | 6                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3122       | Tobacco manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31222      | Tobacco product manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312229     | Other tobacco product manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313        | Textile mills .....  | 8              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132       | Fabric mills .....   | 5              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3133       | Textile and fabric finishing and fabric coating mills .....                            | 9              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31331      | Textile and fabric finishing mills .....   | 9              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313312     | Textile and fabric finishing (except broadwoven fabric) mills .....                    | 9              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315        | Apparel manufacturing .....  | 1              | 20                              | 13                        | 1 671               | 33 431            | 1 466               | 2 915         | 26 412          | 91 306                | 96 874                            | 207 860                            | 6 267                                |
| 3151       | Apparel knitting mills .....   | -              | 9                               | 7                         | 922                 | 21 541            | 821                 | 1 703         | 16 725          | 55 194                | 64 116                            | 141 946                            | D                                    |
| 31519      | Other apparel knitting mills .....   | -              | 9                               | 7                         | 922                 | 21 541            | 821                 | 1 703         | 16 725          | 55 194                | 64 116                            | 141 946                            | D                                    |
| 315191     | Outerwear knitting mills .....   | -              | 6                               | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315192     | Underwear and nightwear knitting mills .....   | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152       | Cut and sew apparel manufacturing .....  | 4              | 10                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31522      | Men's and boys' cut and sew apparel manufacturing .....                                | -              | 3                               | 2                         | 425                 | 6 632             | 380                 | 702           | 6 042           | 23 810                | 16 130                            | 36 941                             | D                                    |
| 315223     | Men's and boys' cut and sew shirt (except work shirt) manufacturing .....              | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523      | Women's and girls' cut and sew apparel manufacturing .....                             | 9              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315231     | Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing ..... | 9              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321        | Wood product manufacturing .....   | -              | 14                              | 7                         | 1 018               | 29 126            | 855                 | 1 582         | 20 696          | 77 512                | 125 847                           | 203 857                            | 2 258                                |
| 3219       | Other wood product manufacturing .....   | -              | 9                               | 5                         | 933                 | 26 923            | 774                 | 1 425         | 18 667          | 69 904                | 121 120                           | 191 522                            | 1 993                                |
| 32191      | Millwork .....   | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321911     | Wood window and door manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321912     | Cut stock, resawing lumber, and planing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199      | All other wood product manufacturing .....   | -              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321991     | Manufactured home (mobile home) manufacturing .....                                    | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322        | Paper manufacturing .....  | -              | 3                               | 3                         | 453                 | 16 639            | 383                 | 750           | 11 834          | 42 785                | 40 107                            | 77 055                             | D                                    |
| 3222       | Converted paper product manufacturing .....  | -              | 3                               | 3                         | 453                 | 16 639            | 383                 | 750           | 11 834          | 42 785                | 40 107                            | 77 055                             | D                                    |
| 32223      | Stationery product manufacturing .....   | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322232     | Envelope manufacturing .....   | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325        | Chemical manufacturing .....   | -              | 11                              | 6                         | 629                 | 40 725            | 410                 | 931           | 25 072          | 201 285               | 74 304                            | 283 799                            | D                                    |
| 3251       | Basic chemical manufacturing .....   | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32518      | Other basic inorganic chemical manufacturing .....                                     | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325188     | All other basic inorganic chemical manufacturing .....                                 | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326        | Plastics and rubber products manufacturing .....                                       | -              | 14                              | 10                        | 1 712               | 57 812            | 1 339               | 2 467         | 42 795          | 219 743               | 144 201                           | 356 825                            | 9 310                                |
| 3261       | Plastics product manufacturing .....   | -              | 12                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611      | Plastics packaging materials and unlaminated film and sheet manufacturing .....        | -              | 7                               | 7                         | 1 062               | 39 608            | 782                 | 1 544         | 26 955          | 173 776               | 104 881                           | 272 158                            | 5 633                                |
| 326111     | Plastics bag manufacturing .....   | -              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326113     | Unlaminated plastics film and sheet (except packaging) manufacturing .....             | -              | 3                               | 3                         | 656                 | 29 366            | 510                 | 1 017         | 19 985          | 119 730               | 70 527                            | 185 803                            | 3 837                                |
| 32619      | Other plastics product manufacturing .....   | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199     | All other plastics product manufacturing .....   | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|--|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>POTTSVILLE, PA MICROPOLITAN STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327  | Nonmetallic mineral product manufacturing .....                       | 3              | 10                              | 3                         | 363                 | 12 186            | 225                 | 398           | 6 602           | 28 671                | 9 220                             | 37 701                             | 1 127                                |
| 3273   | Cement and concrete product manufacturing .....                       | 3              | 10                              | 3                         | 363                 | 12 186            | 225                 | 398           | 6 602           | 28 671                | 9 220                             | 37 701                             | 1 127                                |
| 32739  | Other concrete product manufacturing .....                            | 3              | 6                               | 2                         | 322                 | 10 775            | 196                 | 334           | 5 516           | 25 834                | 5 779                             | 31 425                             | 694                                  |
| 327390   | Other concrete product manufacturing .....                            | 3              | 6                               | 2                         | 322                 | 10 775            | 196                 | 334           | 5 516           | 25 834                | 5 779                             | 31 425                             | 694                                  |
| 331  | Primary metal manufacturing .....                                     | —              | 7                               | 4                         | 1 305               | 53 235            | 911                 | 1 951         | 32 831          | 151 694               | 209 894                           | 360 630                            | D                                    |
| 3313   | Alumina and aluminum production and processing .....                  | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131  | Alumina and aluminum production and processing ...                    | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331316   | Aluminum extruded product manufacturing .....                         | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332  | Fabricated metal product manufacturing .....                          | 1              | 31                              | 9                         | 835                 | 25 523            | 710                 | 1 510         | 19 759          | 74 518                | 54 748                            | 130 346                            | 1 490                                |
| 3329   | Other fabricated metal product manufacturing .....                    | 2              | 8                               | 6                         | 259                 | 7 904             | 222                 | 490           | 6 267           | 18 805                | 12 881                            | 32 138                             | 585                                  |
| 33299  | All other fabricated metal product manufacturing .....                | 2              | 8                               | 6                         | 259                 | 7 904             | 222                 | 490           | 6 267           | 18 805                | 12 881                            | 32 138                             | 585                                  |
| 333  | Machinery manufacturing .....   | —              | 18                              | 8                         | 950                 | 32 460            | 712                 | 1 433         | 20 812          | 73 619                | 45 894                            | 120 372                            | 3 969                                |
| 3335   | Metalworking machinery manufacturing .....                            | —              | 9                               | 4                         | 374                 | 12 917            | 302                 | 684           | 9 570           | 18 269                | 11 159                            | 28 341                             | 1 220                                |
| 33351  | Metalworking machinery manufacturing .....                            | —              | 9                               | 4                         | 374                 | 12 917            | 302                 | 684           | 9 570           | 18 269                | 11 159                            | 28 341                             | 1 220                                |
| 3339   | Other general purpose machinery manufacturing .....                   | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33391  | Pump and compressor manufacturing .....                               | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333911   | Pump and pumping equipment manufacturing ..                           | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335  | Electrical equipment, appliance, and component manufacturing .....    | —              | 4                               | 3                         | 392                 | 16 067            | 308                 | 608           | 11 583          | 34 382                | 51 822                            | 85 605                             | 513                                  |
| 3359   | Other electrical equipment and component manufacturing .....          | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>READING, PA METROPOLITAN STATISTICAL AREA</b>         |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | 1              | 579                             | 235                       | 33 203              | 1 286 567         | 23 920              | 47 500        | 771 643         | 3 504 867             | 3 257 103                         | 6 764 344                          | 228 181                              |
| 311  | Food manufacturing .....  | —              | 56                              | 21                        | 3 771               | 125 008           | 2 962               | 5 909         | 83 487          | 663 846               | 462 823                           | 1 129 481                          | 34 867                               |
| 3113   | Sugar and confectionery product manufacturing .....                   | —              | 7                               | 5                         | 1 591               | 44 020            | 1 366               | 2 683         | 32 083          | 364 837               | 140 767                           | 503 842                            | 20 426                               |
| 31133  | Confectionery manufacturing from purchased chocolate ....             | —              | 7                               | 5                         | 1 591               | 44 020            | 1 366               | 2 683         | 32 083          | 364 837               | 140 767                           | 503 842                            | 20 426                               |
| 311330   | Confectionery manufacturing from purchased chocolate ..               | —              | 7                               | 5                         | 1 591               | 44 020            | 1 366               | 2 683         | 32 083          | 364 837               | 140 767                           | 503 842                            | 20 426                               |
| 3114   | Fruit and vegetable preserving and specialty food manufacturing ..... | 8              | 4                               | 3                         | 415                 | 14 877            | 353                 | 789           | 11 484          | 41 881                | 59 500                            | 102 035                            | 3 423                                |
| 31142  | Fruit and vegetable canning, pickling, and drying .....               | 9              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311421   | Fruit and vegetable canning ..  | 9              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115   | Dairy product manufacturing .....                                     | —              | 7                               | 2                         | 375                 | 16 238            | 226                 | 468           | 8 561           | 37 996                | 129 179                           | 169 012                            | 5 115                                |
| 31151  | Dairy product (except frozen) manufacturing .....                     | —              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311511   | Fluid milk manufacturing ....   | —              | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116   | Animal slaughtering and processing .....                              | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161  | Animal slaughtering and processing .....                              | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311612   | Meat processed from carcasses .....                                   | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118   | Bakeries and tortilla manufacturing .....                             | —              | 18                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181  | Bread and bakery product manufacturing .....                          | —              | 17                              | 3                         | 684                 | 22 600            | 560                 | 1 135         | 16 942          | 136 011               | 46 666                            | 184 180                            | D                                    |
| 311813   | Frozen cakes, pies, and other pastries manufacturing .....            | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| <b>READING, PA METROPOLITAN STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 311   | Food manufacturing—Con.  | —              | 9                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119  | Other food manufacturing .....                                   | —              | 9                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191   | Snack food manufacturing .....                                   | —              | 6                               | 3                         | 275                 | 8 124             | 198                 | 251           | 4 553           | 39 062                | 13 474                            | 52 375                             | 969                                  |
| 311919  | Other snack food manufacturing .....                             | —              | 6                               | 3                         | 275                 | 8 124             | 198                 | 251           | 4 553           | 39 062                | 13 474                            | 52 375                             | 969                                  |
| 312   | Beverage and tobacco product manufacturing .....                 | —              | 10                              | 3                         | 450                 | 18 730            | 156                 | 350           | 6 925           | 25 550                | 146 048                           | 171 676                            | 2 615                                |
| 3121  | Beverage manufacturing .....                                     | —              | 10                              | 3                         | 450                 | 18 730            | 156                 | 350           | 6 925           | 25 550                | 146 048                           | 171 676                            | 2 615                                |
| 31211   | Soft drink and ice manufacturing .....                           | —              | 6                               | 3                         | 444                 | 18 578            | 152                 | 342           | 6 836           | 25 000                | 145 590                           | 170 668                            | 2 572                                |
| 312111  | Soft drink manufacturing .....                                   | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313   | Textile mills .....  | 1              | 8                               | 6                         | 675                 | 20 059            | 566                 | 1 169         | 15 212          | 39 127                | 24 480                            | 64 013                             | 718                                  |
| 3132  | Fabric mills .....   | —              | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31322   | Narrow fabric mills and schiffli machine embroidery .....        | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313221  | Narrow fabric mills .....  | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314   | Textile product mills .....                                      | 1              | 15                              | 2                         | 283                 | 7 554             | 220                 | 418           | 4 175           | 17 195                | 33 281                            | 48 573                             | 398                                  |
| 3149  | Other textile product mills .....                                | —              | 9                               | 2                         | 259                 | 7 016             | 200                 | 380           | 3 815           | 15 923                | 31 848                            | 45 868                             | 346                                  |
| 315   | Apparel manufacturing .....                                      | 1              | 20                              | 10                        | 664                 | 16 185            | 514                 | 953           | 10 718          | 53 671                | 20 074                            | 74 056                             | 352                                  |
| 3152  | Cut and sew apparel manufacturing .....                          | 1              | 12                              | 6                         | 457                 | 9 620             | 336                 | 672           | 6 380           | 22 535                | 9 820                             | 32 556                             | D                                    |
| 316   | Leather and allied product manufacturing .....                   | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3161  | Leather and hide tanning and finishing .....                     | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31611   | Leather and hide tanning and finishing .....                     | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 316110  | Leather and hide tanning and finishing .....                     | —              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321   | Wood product manufacturing .....                                 | 1              | 24                              | 5                         | 337                 | 10 469            | 233                 | 464           | 5 993           | 19 929                | 25 029                            | 44 821                             | 1 713                                |
| 322   | Paper manufacturing .....  | —              | 9                               | 6                         | 540                 | 24 718            | 402                 | 860           | 14 593          | 86 282                | 76 581                            | 161 227                            | 7 093                                |
| 3222  | Converted paper product manufacturing .....                      | —              | 7                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221   | Paperboard container manufacturing .....                         | —              | 5                               | 3                         | 368                 | 16 170            | 279                 | 586           | 9 448           | 35 049                | 38 223                            | 73 482                             | 3 265                                |
| 322211  | Corrugated and solid fiber box manufacturing .....               | —              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323   | Printing and related support activities .....                    | —              | 50                              | 15                        | 1 592               | 48 615            | 1 251               | 1 976         | 30 503          | 107 948               | 80 730                            | 187 788                            | 12 606                               |
| 3231  | Printing and related support activities .....                    | —              | 50                              | 15                        | 1 592               | 48 615            | 1 251               | 1 976         | 30 503          | 107 948               | 80 730                            | 187 788                            | 12 606                               |
| 32311   | Printing .....   | —              | 47                              | 15                        | 1 581               | 48 251            | 1 243               | 1 966         | 30 271          | 107 274               | 80 524                            | 186 904                            | 12 578                               |
| 323110  | Commercial lithographic printing .....                           | —              | 25                              | 9                         | 1 160               | 32 913            | 928                 | 1 360         | 19 953          | 69 513                | 37 047                            | 106 053                            | 5 530                                |
| 325   | Chemical manufacturing .....                                     | —              | 31                              | 16                        | 1 603               | 75 303            | 900                 | 1 746         | 30 249          | 288 413               | 281 489                           | 564 248                            | 15 083                               |
| 3255  | Paint, coating, and adhesive manufacturing .....                 | —              | 4                               | 4                         | 651                 | 33 373            | 354                 | 752           | 12 868          | 110 071               | 154 040                           | 263 793                            | D                                    |
| 32551   | Paint and coating manufacturing .....                            | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 529                                |
| 325510  | Paint and coating manufacturing .....                            | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 529                                |
| 3256  | Soap, cleaning compound, and toilet preparation manufacturing .. | 2              | 7                               | 3                         | 322                 | 15 785            | 181                 | 372           | 6 215           | 32 729                | 24 742                            | 57 440                             | 558                                  |
| 32561   | Soap and cleaning compound manufacturing .....                   | 1              | 5                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3259  | Other chemical product and preparation manufacturing .....       | —              | 9                               | 3                         | 292                 | 13 034            | 143                 | 224           | 4 344           | 80 389                | 34 659                            | 109 107                            | 6 947                                |
| 32599   | All other chemical product and preparation manufacturing .....   | —              | 7                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code  | Geographic area and industry  | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|---|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|   |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>READING, PA METROPOLITAN STATISTICAL AREA—Con.</b> |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 326   | Plastics and rubber products manufacturing .....  | 2                               | 22    | 12                        | 1 980               | 68 847             | 1 436               | 2 969         | 41 466                | 158 384                           | 105 791                            | 263 675                              | 28 411          |
| 3261  | Plastics product manufacturing ..   | 2                               | 22    | 12                        | 1 980               | 68 847             | 1 436               | 2 969         | 41 466                | 158 384                           | 105 791                            | 263 675                              | 28 411          |
| 32614   | Polystyrene foam product manufacturing .....  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 326140  | Polystyrene foam product manufacturing .....  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32616   | Plastics bottle manufacturing ..  | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 326160  | Plastics bottle manufacturing .....   | —                               | 1     | 1                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32619   | Other plastics product manufacturing .....  | 3                               | 16    | 7                         | 1 248               | 42 560             | 908                 | 1 888         | 21 899                | 82 450                            | 67 233                             | 148 609                              | 22 135          |
| 326199  | All other plastics product manufacturing .....  | 3                               | 14    | 7                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 327   | Nonmetallic mineral product manufacturing .....   | 1                               | 30    | 10                        | 767                 | 29 670             | 608                 | 1 272         | 22 263                | 99 498                            | 75 326                             | 178 369                              | 14 357          |
| 3273  | Cement and concrete product manufacturing .....   | 1                               | 20    | 8                         | 600                 | 23 541             | 474                 | 1 007         | 17 898                | 76 385                            | 64 746                             | 144 961                              | 13 917          |
| 32739   | Other concrete product manufacturing .....  | 3                               | 10    | 6                         | 326                 | 10 922             | 257                 | 531           | 7 742                 | 30 608                            | 20 558                             | 55 953                               | 7 981           |
| 327390  | Other concrete product manufacturing .....  | 3                               | 10    | 6                         | 326                 | 10 922             | 257                 | 531           | 7 742                 | 30 608                            | 20 558                             | 55 953                               | 7 981           |
| 331   | Primary metal manufacturing .....   | 1                               | '37   | '29                       | '5 347              | '245 671           | '4 065              | '7 758        | '161 489              | '686 484                          | '872 370                           | '1 556 813                           | '45 306         |
| 3311  | Iron and steel mills and ferroalloy manufacturing .....                                       | —                               | '2    | '2                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33111   | Iron and steel mills and ferroalloy manufacturing .....                                       | —                               | '2    | '2                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 331111  | Iron and steel mills .....  | —                               | '2    | '2                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3314  | Nonferrous metal (except aluminum) production and processing .....                            | 1                               | 15    | 12                        | 1 696               | 87 644             | 1 191               | 2 498         | 53 379                | 307 402                           | 551 433                            | 816 342                              | 33 111          |
| 33141   | Nonferrous metal (except aluminum) smelting and refining .....                                | —                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 331419  | Primary smelting and refining of nonferrous metal (except copper and aluminum) .....          | —                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33142   | Copper rolling, drawing, extruding, and alloying .....  | 3                               | 8     | 6                         | 617                 | 26 758             | 476                 | 991           | 18 786                | 58 323                            | 331 269                            | 390 733                              | 4 979           |
| 331421  | Copper rolling, drawing, and extruding .....  | 5                               | 7     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33149   | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying ..... | —                               | 5     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3315  | Foundries .....   | 2                               | 20    | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33151   | Ferrous metal foundries .....   | 2                               | 10    | 9                         | 780                 | 25 051             | 654                 | 1 347         | 19 083                | 42 219                            | 26 789                             | 70 766                               | D               |
| 331511  | Iron foundries .....  | 5                               | 4     | 4                         | 382                 | 12 749             | 331                 | 601           | 9 913                 | 21 315                            | 14 636                             | 36 009                               | 691             |
| 33152   | Nonferrous metal foundries .....  | 1                               | 10    | 6                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 331524  | Aluminum foundries (except die-casting) .....   | —                               | 4     | 4                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 597             |
| 332   | Fabricated metal product manufacturing .....  | 3                               | '110  | '39                       | '3 289              | '110 731           | '2 413              | '4 990        | '68 617               | '298 952                          | '218 592                           | '520 275                             | '21 954         |
| 3323  | Architectural and structural metals manufacturing .....                                       | 1                               | 24    | 14                        | 785                 | 29 440             | 546                 | 1 120         | 18 576                | 51 901                            | 37 611                             | 88 968                               | 1 578           |
| 33231   | Plate work and fabricated structural product manufacturing .....                              | 1                               | 13    | 11                        | 501                 | 19 602             | 344                 | 704           | 12 264                | 34 410                            | 27 465                             | 61 350                               | 1 105           |
| 332312  | Fabricated structural metal manufacturing .....   | —                               | 7     | 6                         | 264                 | 10 671             | 171                 | 341           | 6 582                 | 17 962                            | 19 397                             | 37 118                               | 134             |
| 33232   | Ornamental and architectural metal products manufacturing .....                               | 1                               | 11    | 3                         | 284                 | 9 838              | 202                 | 416           | 6 312                 | 17 491                            | 10 146                             | 27 618                               | 473             |
| 332322  | Sheet metal work manufacturing .....  | —                               | 5     | 3                         | 262                 | 9 163              | 186                 | 384           | 5 892                 | 16 128                            | 8 893                              | 25 004                               | 426             |
| 3325  | Hardware manufacturing .....  | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33251   | Hardware manufacturing .....  | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332510  | Hardware manufacturing .....  | —                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3327  | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                   | '6                              | '38   | '10                       | '709                | '27 574            | '543                | '1 102        | '19 594               | '72 009                           | '50 952                            | '123 913                             | '4 535          |
| 33271   | Machine shops .....   | 3                               | 33    | 7                         | 336                 | 13 008             | 266                 | 515           | 9 658                 | 25 220                            | 13 413                             | 38 594                               | D               |
| 332710  | Machine shops .....   | 3                               | 33    | 7                         | 336                 | 13 008             | 266                 | 515           | 9 658                 | 25 220                            | 13 413                             | 38 594                               | D               |
| 33272   | Turned product and screw, nut, and bolt manufacturing .....                                   | '8                              | '5    | '3                        | '373                | '14 566            | '277                | '587          | '9 936                | '46 789                           | '37 539                            | '85 319                              | D               |
| 332722  | Bolt, nut, screw, rivet, and washer manufacturing .....                                       | 9                               | 4     | 2                         | e                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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|------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|            |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
|            | <b>READING, PA METROPOLITAN STATISTICAL AREA—Con.</b>                         |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332        | Fabricated metal product manufacturing—Con.                                   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3329       | Other fabricated metal product manufacturing .....                            | 3              | 19                              | 5                         | 499                 | 14 242            | 308                 | 797           | 8 687           | 19 600                | 11 417                            | 30 917                             | 788                                  |
| 33291      | Metal valve manufacturing ....  | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332919     | Other metal valve and pipe fitting manufacturing .....                        | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333        | Machinery manufacturing .....   | 2              | 36                              | 12                        | 772                 | 32 013            | 402                 | 791           | 12 289          | 87 989                | 74 138                            | 160 158                            | 4 026                                |
| 3339       | Other general purpose machinery manufacturing .....                           | 2              | 11                              | 5                         | 394                 | 17 346            | 202                 | 417           | 6 632           | 42 067                | 32 130                            | 72 419                             | 2 674                                |
| 334        | Computer and electronic product manufacturing .....                           | —              | 22                              | 8                         | 2 017               | 113 002           | 1 183               | 2 605         | 60 508          | 89 965                | 99 173                            | 181 675                            | 3 113                                |
| 3342       | Communications equipment manufacturing .....                                  | —              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344       | Semiconductor and other electronic component manufacturing .....              | —              | 9                               | 4                         | 1 384               | 87 946            | 830                 | 1 943         | 48 307          | 49 624                | 46 753                            | 92 705                             | 1 645                                |
| 33441      | Semiconductor and other electronic component manufacturing .....              | —              | 9                               | 4                         | 1 384               | 87 946            | 830                 | 1 943         | 48 307          | 49 624                | 46 753                            | 92 705                             | 1 645                                |
| 334413     | Semiconductor and related device manufacturing .....                          | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335        | Electrical equipment, appliance, and component manufacturing .....            | —              | 9                               | 5                         | 4 578               | 164 165           | 3 386               | 6 652         | 97 425          | 264 413               | 257 425                           | 523 375                            | 11 178                               |
| 3351       | Electric lighting equipment manufacturing .....                               | —              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33511      | Electric lamp bulb and part manufacturing .....                               | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335110     | Electric lamp bulb and part manufacturing .....                               | —              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353       | Electrical equipment manufacturing .....                                      | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531      | Electrical equipment manufacturing .....                                      | 9              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335312     | Motor and generator manufacturing .....                                       | 9              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359       | Other electrical equipment and component manufacturing .....                  | —              | 4                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33591      | Battery manufacturing .....   | —              | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335911     | Storage battery manufacturing .....   | —              | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336        | Transportation equipment manufacturing .....                                  | —              | 11                              | 6                         | 916                 | 32 220            | 673                 | 1 336         | 21 739          | 64 755                | 67 534                            | 132 217                            | 2 271                                |
| 3362       | Motor vehicle body and trailer manufacturing .....                            | —              | 6                               | 4                         | 834                 | 30 048            | 599                 | 1 198         | 20 131          | 62 015                | 57 669                            | 119 666                            | 2 126                                |
| 33621      | Motor vehicle body and trailer manufacturing .....                            | —              | 6                               | 4                         | 834                 | 30 048            | 599                 | 1 198         | 20 131          | 62 015                | 57 669                            | 119 666                            | 2 126                                |
| 336211     | Motor vehicle body manufacturing .....  | —              | 3                               | 3                         | 782                 | 27 449            | 558                 | 1 108         | 17 965          | 58 767                | 49 303                            | 107 892                            | D                                    |
| 337        | Furniture and related product manufacturing .....                             | 1              | 32                              | 12                        | 746                 | 24 083            | 586                 | 1 156         | 15 734          | 54 830                | 32 479                            | 87 663                             | 3 317                                |
| 3371       | Household and institutional furniture and kitchen cabinet manufacturing ..... | —              | 22                              | 7                         | 480                 | 14 192            | 395                 | 778           | 10 163          | 28 154                | 13 075                            | 41 379                             | 568                                  |
| 33711      | Wood kitchen cabinet and countertop manufacturing ....                        | —              | 14                              | 5                         | 351                 | 10 524            | 293                 | 578           | 7 787           | 20 094                | 9 503                             | 29 747                             | 402                                  |
| 337110     | Wood kitchen cabinet and countertop manufacturing ..                          | —              | 14                              | 5                         | 351                 | 10 524            | 293                 | 578           | 7 787           | 20 094                | 9 503                             | 29 747                             | 402                                  |
| 339        | Miscellaneous manufacturing .....   | 2              | 39                              | 15                        | 2 162               | 96 613            | 1 359               | 2 949         | 51 520          | 231 237               | 264 257                           | 507 601                            | 17 452                               |
| 3391       | Medical equipment and supplies manufacturing .....                            | 3              | 16                              | 6                         | 1 653               | 80 010            | 1 074               | 2 336         | 43 900          | 193 478               | 241 511                           | 447 016                            | 16 561                               |
| 33911      | Medical equipment and supplies manufacturing .....                            | 3              | 16                              | 6                         | 1 653               | 80 010            | 1 074               | 2 336         | 43 900          | 193 478               | 241 511                           | 447 016                            | 16 561                               |
| 339112     | Surgical and medical instrument manufacturing ..                              | 2              | 5                               | 4                         | 1 533               | 75 677            | 984                 | 2 171         | 41 722          | 183 472               | 236 291                           | 431 789                            | 15 993                               |
| 3399       | Other miscellaneous manufacturing .....                                       | 1              | 23                              | 9                         | 509                 | 16 603            | 285                 | 613           | 7 620           | 37 759                | 22 746                            | 60 585                             | 891                                  |

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|--|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ST. MARYS, PA MICROPOLITAN STATISTICAL AREA</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | 1              | 142                             | 51                        | 6 434               | 239 031           | 4 965               | 9 948         | 166 915         | 716 145               | 494 968                           | 1 189 124                          | 47 484                               |
| 322  | Paper manufacturing .....   | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3221   | Pulp, paper, and paperboard mills .....                             | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212  | Paper mills .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121   | Paper (except newsprint) mills .....                                | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331  | Primary metal manufacturing .....                                   | -              | 8                               | 3                         | 350                 | 9 549             | 261                 | 424           | 6 968           | 20 912                | 20 737                            | 41 421                             | D                                    |
| 332  | Fabricated metal product manufacturing .....                        | 1              | 66                              | 19                        | 2 941               | 98 403            | 2 420               | 4 740         | 71 655          | 220 820               | 131 677                           | 355 973                            | 19 827                               |
| 3321   | Forging and stamping.....   | 1              | 17                              | 12                        | 2 480               | 83 574            | 2 067               | 4 123         | 62 726          | 188 243               | 119 981                           | 311 784                            | 17 621                               |
| 33211  | Forging and stamping.....   | 1              | 17                              | 12                        | 2 480               | 83 574            | 2 067               | 4 123         | 62 726          | 188 243               | 119 981                           | 311 784                            | 17 621                               |
| 332117   | Powder metallurgy part manufacturing .....                          | -              | 15                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333  | Machinery manufacturing .....                                       | 1              | 26                              | 7                         | 531                 | 19 670            | 398                 | 741           | 13 790          | 43 628                | 21 822                            | 65 406                             | 1 803                                |
| 3335   | Metalworking machinery manufacturing .....                          | 1              | 22                              | 5                         | 429                 | 15 224            | 329                 | 590           | 11 266          | 34 543                | 13 186                            | 47 815                             | 1 735                                |
| 33351  | Metalworking machinery manufacturing .....                          | 1              | 22                              | 5                         | 429                 | 15 224            | 329                 | 590           | 11 266          | 34 543                | 13 186                            | 47 815                             | 1 735                                |
| 333514   | Special die and tool, die set, jig, and fixture manufacturing ..... | 3              | 13                              | 4                         | 273                 | 9 097             | 207                 | 375           | 6 413           | 16 537                | 3 997                             | 20 453                             | 442                                  |
| 334  | Computer and electronic product manufacturing .....                 | -              | 7                               | 4                         | 350                 | 11 796            | 217                 | 418           | 5 215           | 32 623                | 8 290                             | 41 000                             | 1 099                                |
| 335  | Electrical equipment, appliance, and component manufacturing .....  | 2              | 8                               | 8                         | 1 385               | 61 020            | 1 047               | 2 294         | 42 128          | 259 622               | 144 830                           | 379 293                            | D                                    |
| 3351   | Electric lighting equipment manufacturing .....                     | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33511  | Electric lamp bulb and part manufacturing .....                     | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335110   | Electric lamp bulb and part manufacturing .....                     | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359   | Other electrical equipment and component manufacturing .....        | 4              | 7                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599  | All other electrical equipment and component manufacturing .....    | 4              | 6                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 13 332                               |
| 335991   | Carbon and graphite product manufacturing .....                     | 4              | 6                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 13 332                               |
| <b>SAYRE, PA MICROPOLITAN STATISTICAL AREA</b>     |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | 1              | 78                              | 26                        | 5 162               | 182 080           | 4 080               | 7 838         | 130 360         | 633 762               | 514 210                           | 1 145 572                          | 26 508                               |
| 311  | Food manufacturing .....  | -              | 15                              | 6                         | 752                 | 25 125            | 427                 | 692           | 10 311          | 53 805                | 101 778                           | 160 850                            | 1 084                                |
| 3116   | Animal slaughtering and processing .....                            | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 286                                  |
| 31161  | Animal slaughtering and processing .....                            | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 286                                  |
| 311611   | Animal (except poultry) slaughtering .....                          | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321  | Wood product manufacturing .....                                    | 6              | 18                              | 5                         | 1 216               | 32 971            | 1 070               | 2 223         | 24 486          | 76 746                | 107 795                           | 184 423                            | 6 853                                |
| 3219   | Other wood product manufacturing .....                              | 6              | 12                              | 4                         | 1 108               | 30 311            | 978                 | 2 040         | 22 434          | 71 994                | 101 513                           | 173 615                            | D                                    |
| 32191  | Millwork .....  | 6              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321911   | Wood window and door manufacturing .....                            | 6              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322  | Paper manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222   | Converted paper product manufacturing .....                         | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229  | Other converted paper product manufacturing .....                   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322299   | All other converted paper product manufacturing .....               | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325  | Chemical manufacturing .....  | -              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3259   | Other chemical product and preparation manufacturing .....          | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32599  | All other chemical product and preparation manufacturing .....      | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325992   | Photographic film, paper, plate, and chemical manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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|---|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>SAYRE, PA MICROPOLITAN STATISTICAL AREA—Con.</b>             |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326   | Plastics and rubber products manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261  | Plastics product manufacturing ..   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199  | All other plastics product manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331   | Primary metal manufacturing .....   | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314  | Nonferrous metal (except aluminum) production and processing .....                                | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149   | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331492  | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....  | 3              | 14                              | 4                         | 345                 | 11 155            | 273                 | 544           | 8 089           | 25 156                | 13 615                            | 38 776                             | 879                                  |
| 333   | Machinery manufacturing .....   | -              | 8                               | 3                         | 444                 | 18 225            | 312                 | 604           | 11 021          | 92 764                | 61 087                            | 155 058                            | 1 676                                |
| 3339  | Other general purpose machinery manufacturing .....   | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33399   | All other general purpose machinery manufacturing ....  | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333991  | Power-driven handtool manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>SCRANTON--WILKES-BARRE, PA METROPOLITAN STATISTICAL AREA</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....   | 1              | 701                             | 267                       | 36 734              | 1 311 011         | 27 825              | 55 283        | 890 336         | 5 274 639             | 3 943 218                         | 9 217 137                          | 336 401                              |
| 311   | Food manufacturing .....  | 2              | 82                              | 27                        | 4 138               | 113 463           | 3 191               | 6 224         | 83 466          | 565 423               | 370 681                           | 935 637                            | 33 661                               |
| 3113  | Sugar and confectionery product manufacturing .....   | 3              | 6                               | 3                         | 913                 | 31 703            | 724                 | 1 481         | 25 775          | 288 052               | 67 766                            | 353 098                            | 12 743                               |
| 31133   | Confectionery manufacturing from purchased chocolate ...  | -              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311330  | Confectionery manufacturing from purchased chocolate ..   | -              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114  | Fruit and vegetable preserving and specialty food manufacturing .....                             | 1              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31141   | Frozen food manufacturing ....  | 1              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311412  | Frozen specialty food manufacturing .....   | 1              | 3                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115  | Dairy product manufacturing ....  | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31152   | Ice cream and frozen dessert manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311520  | Ice cream and frozen dessert manufacturing .....  | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116  | Animal slaughtering and processing .....  | 1              | 17                              | 9                         | 1 346               | 36 156            | 1 158               | 2 307         | 25 396          | 80 877                | 212 206                           | 293 621                            | 17 690                               |
| 31161   | Animal slaughtering and processing .....  | 1              | 17                              | 9                         | 1 346               | 36 156            | 1 158               | 2 307         | 25 396          | 80 877                | 212 206                           | 293 621                            | 17 690                               |
| 311612  | Meat processed from carcasses .....   | 1              | 10                              | 7                         | 1 190               | 33 112            | 1 019               | 2 130         | 23 072          | 74 921                | 200 616                           | 275 854                            | 17 570                               |
| 3118  | Bakeries and tortilla manufacturing .....   | 2              | 42                              | 9                         | 1 077               | 25 815            | 714                 | 1 265         | 18 785          | 152 826               | 41 250                            | 195 763                            | 1 303                                |
| 31181   | Bread and bakery product manufacturing .....  | 2              | 41                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311811  | Retail bakeries .....   | 7              | 26                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812  | Commercial bakeries .....   | 2              | 14                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 749                                  |
| 312   | Beverage and tobacco product manufacturing .....  | 1              | 11                              | 4                         | 547                 | 21 046            | 416                 | 851           | 14 731          | 40 631                | 124 219                           | 167 526                            | 6 269                                |
| 3121  | Beverage manufacturing .....  | -              | 10                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211   | Soft drink and ice manufacturing .....  | -              | 8                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111  | Soft drink manufacturing ....   | -              | 4                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313   | Textile mills .....   | 5              | 18                              | 10                        | 888                 | 22 731            | 723                 | 1 395         | 15 488          | 47 863                | 40 928                            | 87 073                             | 2 266                                |
| 3131  | Fiber, yarn, and thread mills .....   | 1              | 6                               | 3                         | 287                 | 6 700             | 227                 | 453           | 4 296           | 11 750                | 3 272                             | 15 005                             | 241                                  |
| 31311   | Fiber, yarn, and thread mills ...   | 1              | 6                               | 3                         | 287                 | 6 700             | 227                 | 453           | 4 296           | 11 750                | 3 272                             | 15 005                             | 241                                  |
| 3132  | Fabric mills .....  | 6              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31321   | Broadwoven fabric mills .....   | 7              | 5                               | 4                         | 477                 | 12 564            | 396                 | 757           | 8 788           | 29 105                | 29 183                            | 56 507                             | 1 071                                |
| 313210  | Broadwoven fabric mills .....   | 7              | 5                               | 4                         | 477                 | 12 564            | 396                 | 757           | 8 788           | 29 105                | 29 183                            | 56 507                             | 1 071                                |

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**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

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|--|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>SCRANTON--WILKES-BARRE, PA METROPOLITAN STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315  | Apparel manufacturing .....  | -              | 29                              | 12                        | 1 256               | 42 109            | 808                 | 1 329         | 17 117          | 108 625               | 152 502                           | 270 067                            | 3 182                                |
| 3152   | Cut and sew apparel manufacturing .....  | -              | 22                              | 10                        | 1 040               | 35 252            | 640                 | 1 114         | 14 455          | 95 318                | 141 478                           | 245 729                            | D                                    |
| 31521  | Cut and sew apparel contractors .....  | 1              | 15                              | 7                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 61                                   |
| 315211   | Men's and boys' cut and sew apparel contractors .....                              | -              | 8                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523  | Women's and girls' cut and sew apparel manufacturing .....                         | -              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315233   | Women's and girls' cut and sew dress manufacturing .....                           | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321  | Wood product manufacturing .....   | 2              | 35                              | 11                        | 1 088               | 27 384            | 868                 | 1 560         | 18 253          | 60 868                | 65 647                            | 126 519                            | 5 812                                |
| 3219   | Other wood product manufacturing .....   | 3              | 23                              | 8                         | 913                 | 22 693            | 729                 | 1 272         | 14 679          | 43 884                | 48 045                            | 92 221                             | 3 069                                |
| 32199  | All other wood product manufacturing .....   | 2              | 6                               | 4                         | 616                 | 15 364            | 496                 | 811           | 9 010           | 31 559                | 33 579                            | 65 505                             | 2 388                                |
| 321992   | Prefabricated wood building manufacturing .....                                    | 2              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322  | Paper manufacturing .....  | -              | 22                              | 13                        | 4 040               | 190 175           | 3 450               | 6 896         | 158 077         | 1 834 661             | 865 322                           | 2 704 662                          | 100 831                              |
| 3221   | Pulp, paper, and paperboard mills .....  | -              | 3                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212  | Paper mills .....  | -              | 3                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121   | Paper (except newsprint) mills .....   | -              | 3                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222   | Converted paper product manufacturing .....  | -              | 19                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221  | Paperboard container manufacturing .....   | 1              | 9                               | 4                         | 491                 | 15 334            | 413                 | 841           | 11 338          | 34 251                | 64 546                            | 101 237                            | D                                    |
| 32222  | Paper bag and coated and treated paper manufacturing ..                            | -              | 5                               | 3                         | 487                 | 19 393            | 381                 | 813           | 15 131          | 75 900                | 120 548                           | 200 740                            | D                                    |
| 322222   | Coated and laminated paper manufacturing .....                                     | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323  | Printing and related support activities .....                                      | 1              | 81                              | 25                        | 3 136               | 103 229           | 2 374               | 4 783         | 70 245          | 246 200               | 150 152                           | 392 146                            | 11 374                               |
| 3231   | Printing and related support activities .....                                      | 1              | 81                              | 25                        | 3 136               | 103 229           | 2 374               | 4 783         | 70 245          | 246 200               | 150 152                           | 392 146                            | 11 374                               |
| 32311  | Printing .....   | 1              | 79                              | 25                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110   | Commercial lithographic printing .....   | -              | 38                              | 12                        | 1 515               | 50 286            | 1 168               | 2 379         | 32 956          | 123 780               | 92 914                            | 212 262                            | 6 231                                |
| 323117   | Books printing .....   | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325  | Chemical manufacturing .....   | -              | 20                              | 10                        | 958                 | 34 878            | 652                 | 1 353         | 19 149          | 45 158                | 239 950                           | 288 425                            | 8 198                                |
| 3256   | Soap, cleaning compound, and toilet preparation manufacturing ..                   | -              | 5                               | 3                         | 623                 | 21 223            | 424                 | 905           | 11 061          | S                     | 178 451                           | 155 612                            | 6 280                                |
| 32562  | Toilet preparation manufacturing .....   | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325620   | Toilet preparation manufacturing .....   | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326  | Plastics and rubber products manufacturing .....                                   | 2              | 42                              | 29                        | 3 771               | 135 686           | 3 073               | 6 605         | 100 278         | 432 871               | 493 599                           | 923 219                            | 37 699                               |
| 3261   | Plastics product manufacturing ..  | 2              | 41                              | 29                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611  | Plastics packaging materials and unlaminated film and sheet manufacturing .....    | 3              | 15                              | 9                         | 1 559               | 60 405            | 1 275               | 2 832         | 45 384          | 173 650               | 234 082                           | 409 783                            | 26 195                               |
| 326112   | Plastics packaging film and sheet (including laminated) manufacturing .....        | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326113   | Unlaminated plastics film and sheet (except packaging) manufacturing .....         | 1              | 13                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32613  | Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..... | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326130   | Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..    | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32616  | Plastics bottle manufacturing ..   | -              | 3                               | 3                         | 317                 | 11 217            | 274                 | 606           | 9 019           | 35 112                | 54 706                            | 88 800                             | 3 446                                |
| 326160   | Plastics bottle manufacturing .....  | -              | 3                               | 3                         | 317                 | 11 217            | 274                 | 606           | 9 019           | 35 112                | 54 706                            | 88 800                             | 3 446                                |
| 32619  | Other plastics product manufacturing .....   | -              | 16                              | 11                        | 1 068               | 35 856            | 847                 | 1 831         | 26 018          | 103 612               | 93 109                            | 192 932                            | 4 028                                |
| 326199   | All other plastics product manufacturing .....                                     | -              | 16                              | 11                        | 1 068               | 35 856            | 847                 | 1 831         | 26 018          | 103 612               | 93 109                            | 192 932                            | 4 028                                |

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| <b>SCRANTON--WILKES-BARRE, PA METROPOLITAN STATISTICAL AREA—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327  | Nonmetallic mineral product manufacturing .....                             | -              | 37                              | 10                        | 2 428               | 102 200           | 1 922               | 3 922         | 75 858          | 228 000               | 219 275                           | 442 926                            | 18 463                               |
| 3272   | Glass and glass product manufacturing .....                                 | -              | 7                               | 4                         | 1 745               | 72 653            | 1 374               | 2 777         | 52 840          | 149 884               | 152 937                           | 302 160                            | 8 047                                |
| 32721  | Glass and glass product manufacturing .....                                 | -              | 7                               | 4                         | 1 745               | 72 653            | 1 374               | 2 777         | 52 840          | 149 884               | 152 937                           | 302 160                            | 8 047                                |
| 327212   | Other pressed and blown glass and glassware manufacturing .....             | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273   | Cement and concrete product manufacturing .....                             | -              | 20                              | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3279   | Other nonmetallic mineral product manufacturing .....                       | -              | 9                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32799  | All other nonmetallic mineral product manufacturing .....                   | -              | 9                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327993   | Mineral wool manufacturing .....  | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331  | Primary metal manufacturing .....   | -              | 7                               | 5                         | 683                 | 22 948            | 578                 | 1 102         | 17 010          | 65 516                | 64 343                            | 130 962                            | 1 679                                |
| 3313   | Alumina and aluminum production and processing .....                        | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131  | Alumina and aluminum production and processing .....                        | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331316   | Aluminum extruded product manufacturing .....                               | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315   | Foundries .....   | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332  | Fabricated metal product manufacturing .....                                | 1              | 122                             | 48                        | 4 731               | 165 844           | 3 481               | 6 960         | 103 188         | 430 782               | 289 834                           | 722 762                            | 18 842                               |
| 3321   | Forging and stamping .....  | -              | 8                               | 5                         | 563                 | 20 515            | 421                 | 838           | 14 014          | 40 147                | 60 478                            | 100 698                            | 3 060                                |
| 33211  | Forging and stamping .....  | -              | 8                               | 5                         | 563                 | 20 515            | 421                 | 838           | 14 014          | 40 147                | 60 478                            | 100 698                            | 3 060                                |
| 332116   | Metal stamping .....  | -              | 6                               | 4                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323   | Architectural and structural metals manufacturing .....                     | 2              | 33                              | 15                        | 1 102               | 40 372            | 687                 | 1 325         | 19 136          | 86 720                | 63 370                            | 150 575                            | 2 952                                |
| 33232  | Ornamental and architectural metal products manufacturing .....             | 1              | 20                              | 9                         | 855                 | 30 805            | 552                 | 1 113         | 15 049          | 71 278                | 51 814                            | 122 600                            | 2 709                                |
| 332321   | Metal window and door manufacturing .....                                   | 2              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332322   | Sheet metal work manufacturing .....  | 4              | 11                              | 4                         | 285                 | 9 476             | 214                 | 437           | 6 413           | 15 605                | 8 179                             | 23 706                             | 498                                  |
| 3326   | Spring and wire product manufacturing .....                                 | 1              | 13                              | 11                        | 1 458               | 45 314            | 1 176               | 2 469         | 33 210          | 149 284               | 107 984                           | 259 052                            | 6 441                                |
| 33261  | Spring and wire product manufacturing .....                                 | 1              | 13                              | 11                        | 1 458               | 45 314            | 1 176               | 2 469         | 33 210          | 149 284               | 107 984                           | 259 052                            | 6 441                                |
| 332618   | Other fabricated wire product manufacturing .....                           | 1              | 12                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327   | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 2              | 45                              | 7                         | 567                 | 22 290            | 403                 | 773           | 14 138          | 44 188                | 27 999                            | 72 503                             | 2 254                                |
| 33271  | Machine shops .....   | 2              | 41                              | 7                         | 535                 | 21 046            | 379                 | 730           | 13 076          | 41 862                | 27 333                            | 69 484                             | 2 089                                |
| 332710   | Machine shops .....   | 2              | 41                              | 7                         | 535                 | 21 046            | 379                 | 730           | 13 076          | 41 862                | 27 333                            | 69 484                             | 2 089                                |
| 3329   | Other fabricated metal product manufacturing .....                          | -              | 11                              | 4                         | 560                 | 22 551            | 436                 | 830           | 15 771          | 74 449                | 10 842                            | 85 879                             | 974                                  |
| 33299  | All other fabricated metal product manufacturing .....                      | -              | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332993   | Ammunition (except small arms) manufacturing .....                          | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333  | Machinery manufacturing .....   | 3              | 40                              | 17                        | 1 445               | 54 466            | 1 009               | 1 872         | 30 556          | 86 600                | 142 790                           | 237 693                            | 4 299                                |
| 3332   | Industrial machinery manufacturing .....                                    | -              | 9                               | 4                         | 378                 | 18 115            | 246                 | 443           | 10 161          | 23 377                | 14 897                            | 40 927                             | D                                    |
| 33329  | Other industrial machinery manufacturing .....                              | -              | 8                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333298   | All other industrial machinery manufacturing .....                          | -              | 6                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339   | Other general purpose machinery manufacturing .....                         | 1              | 14                              | 4                         | 318                 | 11 653            | 238                 | 352           | 6 205           | 13 292                | 51 806                            | 70 489                             | 439                                  |

See footnotes at end of table.

**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code   | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>SCRANTON--WILKES-BARRE, PA METROPOLITAN STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334  | Computer and electronic product manufacturing .....                            | -              | 13                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344   | Semiconductor and other electronic component manufacturing .....               | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441  | Semiconductor and other electronic component manufacturing .....               | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413   | Semiconductor and related device manufacturing .....                           | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3346   | Manufacturing and reproducing magnetic and optical media, ....                 | -              | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33461  | Manufacturing and reproducing magnetic and optical media, ...                  | -              | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334612   | Prerecorded compact disc (except software), tape, and record reproducing ..... | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335  | Electrical equipment, appliance, and component manufacturing .....             | -              | 9                               | 4                         | 510                 | 16 269            | 390                 | 797           | 10 564          | 57 053                | 22 074                            | 79 778                             | D                                    |
| 3359   | Other electrical equipment and component manufacturing .....                   | -              | 5                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593  | Wiring device manufacturing ...  | -              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335932   | Noncurrent-carrying wiring device manufacturing .....                          | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336  | Transportation equipment manufacturing .....                                   | 1              | 14                              | 10                        | 908                 | 37 701            | 655                 | 1 372         | 24 334          | 83 865                | 93 187                            | 179 099                            | 3 764                                |
| 3364   | Aerospace product and parts manufacturing .....                                | -              | 5                               | 5                         | 404                 | 17 735            | 282                 | 586           | 10 665          | 43 127                | 56 725                            | 101 123                            | D                                    |
| 33641  | Aerospace product and parts manufacturing .....                                | -              | 5                               | 5                         | 404                 | 17 735            | 282                 | 586           | 10 665          | 43 127                | 56 725                            | 101 123                            | D                                    |
| 336412   | Aircraft engine and engine parts manufacturing .....                           | -              | 2                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337  | Furniture and related product manufacturing .....                              | 1              | 32                              | 9                         | 769                 | 20 840            | 590                 | 1 170         | 14 121          | 48 025                | 32 750                            | 81 001                             | 2 988                                |
| 3371   | Household and institutional furniture and kitchen cabinet manufacturing .....  | 2              | 24                              | 5                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 252                                |
| 33712  | Household and institutional furniture manufacturing .....                      | 3              | 9                               | 3                         | 257                 | 6 847             | 209                 | 425           | 5 024           | 12 791                | 9 446                             | 22 298                             | 431                                  |
| 3372   | Office furniture (including fixtures) manufacturing .....                      | -              | 5                               | 2                         | 268                 | 7 413             | 231                 | 468           | 5 352           | 20 759                | 11 643                            | 32 308                             | D                                    |
| 33721  | Office furniture (including fixtures) manufacturing .....                      | -              | 5                               | 2                         | 268                 | 7 413             | 231                 | 468           | 5 352           | 20 759                | 11 643                            | 32 308                             | D                                    |
| 339  | Miscellaneous manufacturing .....  | -              | 63                              | 15                        | 2 746               | 93 501            | 1 542               | 2 839         | 33 163          | 343 694               | 318 316                           | 639 663                            | 9 777                                |
| 3391   | Medical equipment and supplies manufacturing .....                             | -              | 27                              | 7                         | 2 137               | 77 426            | 1 041               | 1 989         | 22 759          | 274 075               | 289 489                           | 539 961                            | 8 145                                |
| 33911  | Medical equipment and supplies manufacturing .....                             | -              | 27                              | 7                         | 2 137               | 77 426            | 1 041               | 1 989         | 22 759          | 274 075               | 289 489                           | 539 961                            | 8 145                                |
| 339113   | Surgical appliance and supplies manufacturing ....                             | -              | 8                               | 4                         | 1 727               | 65 877            | 682                 | 1 412         | 13 300          | 233 296               | 277 835                           | 487 332                            | 6 407                                |
| 339115   | Ophthalmic goods manufacturing .....   | -              | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399   | Other miscellaneous manufacturing .....  | 1              | 36                              | 8                         | 609                 | 16 075            | 501                 | 850           | 10 404          | 69 619                | 28 827                            | 99 702                             | 1 632                                |
| <b>SOMERSET, PA MICROPOLITAN STATISTICAL AREA</b>                    |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....  | -              | 128                             | 40                        | 4 623               | 141 574           | 3 447               | 6 766         | 86 852          | 333 241               | 384 031                           | 714 260                            | 18 055                               |
| 311  | Food manufacturing .....   | -              | 10                              | 2                         | 465                 | 12 098            | 221                 | 423           | 5 121           | 39 216                | 45 766                            | 83 244                             | 2 494                                |
| 3119   | Other food manufacturing .....   | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191  | Snack food manufacturing, ....   | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919   | Other snack food manufacturing .....   | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332  | Fabricated metal product manufacturing .....                                   | -              | 19                              | 7                         | 703                 | 23 936            | 551                 | 1 026         | 15 601          | 46 950                | 42 572                            | 87 451                             | 1 456                                |
| 3327   | Machine shops; turned product; and screw, nut, and bolt manufacturing .....    | -              | 7                               | 2                         | 298                 | 8 039             | 268                 | 506           | 7 230           | 16 439                | 12 729                            | 29 186                             | 672                                  |
| 33271  | Machine shops .....  | -              | 7                               | 2                         | 298                 | 8 039             | 268                 | 506           | 7 230           | 16 439                | 12 729                            | 29 186                             | 672                                  |
| 332710   | Machine shops .....  | -              | 7                               | 2                         | 298                 | 8 039             | 268                 | 506           | 7 230           | 16 439                | 12 729                            | 29 186                             | 672                                  |

See footnotes at end of table.



**Table 2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002—Con.**

[Includes data for industry groups and industries with 250 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For definitions of CSAs, MeSAs, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

| NAICS code   | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|  |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>SOMERSET, PA MICROPOLITAN STATISTICAL AREA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333  | Machinery manufacturing .....   | -  | 13                              | 3                         | 607                 | 17 129            | 481                 | 942           | 11 935          | 45 030                | 27 547                            | 74 771                             | 1 784                                |
| 3331   | Agriculture, construction, and mining machinery manufacturing .....         | -  | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33311  | Agricultural implement manufacturing .....                                  | -  | 4                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333112   | Lawn and garden tractor and home lawn and garden equipment manufacturing .. | -  | 3                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336  | Transportation equipment manufacturing .....                                | 1  | 10                              | 7                         | 1 174               | 40 597            | 933                 | 1 926         | 25 349          | 81 184                | 121 353                           | 200 711                            | 2 652                                |
| 3362   | Motor vehicle body and trailer manufacturing .....                          | 1  | 9                               | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621  | Motor vehicle body and trailer manufacturing .....                          | 1  | 9                               | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211   | Motor vehicle body manufacturing .....                                      | 3  | 6                               | 6                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336214   | Travel trailer and camper manufacturing .....                               | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339  | Miscellaneous manufacturing .....   | -  | 6                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391   | Medical equipment and supplies manufacturing .....                          | -  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911  | Medical equipment and supplies manufacturing .....                          | -  | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339113   | Surgical appliance and supplies manufacturing .....                         | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>STATE COLLEGE, PA METROPOLITAN STATISTICAL AREA</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33  | Manufacturing .....   | 2  | 159                             | 58                        | 6 350               | 231 187           | 4 245               | 8 491         | 128 266         | 584 717               | 549 269                           | 1 154 084                          | 42 096                               |
| 323  | Printing and related support activities .....                               | -  | 11                              | 5                         | 550                 | 16 223            | 468                 | 866           | 11 432          | 62 734                | 13 167                            | 76 272                             | 1 031                                |
| 3231   | Printing and related support activities .....                               | -  | 11                              | 5                         | 550                 | 16 223            | 468                 | 866           | 11 432          | 62 734                | 13 167                            | 76 272                             | 1 031                                |
| 32311  | Printing .....  | -  | 11                              | 5                         | 550                 | 16 223            | 468                 | 866           | 11 432          | 62 734                | 13 167                            | 76 272                             | 1 031                                |
| 323117   | Books printing .....  | -  | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326  | Plastics and rubber products manufacturing .....                            | 1  | 3                               | 3                         | 362                 | 11 404            | 318                 | 678           | 9 348           | 34 330                | 30 699                            | 65 854                             | D                                    |
| 3261   | Plastics product manufacturing ..   | 1  | 3                               | 3                         | 362                 | 11 404            | 318                 | 678           | 9 348           | 34 330                | 30 699                            | 65 854                             | D                                    |
| 327  | Nonmetallic mineral product manufacturing .....                             | 2  | 12                              | 8                         | 1 296               | 51 612            | 988                 | 2 267         | 36 336          | 121 634               | 80 021                            | 204 734                            | D                                    |
| 3272   | Glass and glass product manufacturing .....                                 | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721  | Glass and glass product manufacturing .....                                 | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212   | Other pressed and blown glass and glassware manufacturing .....             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331  | Primary metal manufacturing .....   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314   | Nonferrous metal (except aluminum) production and processing .....          | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33142  | Copper rolling, drawing, extruding, and alloying .....                      | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331421   | Copper rolling, drawing, and extruding .....                                | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332  | Fabricated metal product manufacturing .....                                | 1  | 21                              | 4                         | 288                 | 11 701            | 196                 | 400           | 7 378           | 21 375                | 15 160                            | 37 284                             | 574                                  |
| 333  | Machinery manufacturing .....   | -  | 9                               | 5                         | 512                 | 18 627            | 246                 | 472           | 7 589           | 42 835                | 21 609                            | 66 539                             | 4 623                                |

See footnotes at end of table.

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| NAICS code  | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>STATE COLLEGE, PA METROPOLITAN STATISTICAL AREA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334   | Computer and electronic product manufacturing .....                                  | -              | 31                              | 15                        | 1 394               | 55 240            | 734                 | 1 332         | 20 257          | 137 155               | 180 652                           | 330 524                            | 4 797                                |
| 3344  | Semiconductor and other electronic component manufacturing .....                     | -              | 14                              | 7                         | 784                 | 27 345            | 440                 | 827           | 11 225          | 69 610                | 130 162                           | 212 116                            | 2 067                                |
| 33441   | Semiconductor and other electronic component manufacturing .....                     | -              | 14                              | 7                         | 784                 | 27 345            | 440                 | 827           | 11 225          | 69 610                | 130 162                           | 212 116                            | 2 067                                |
| 334414  | Electronic capacitor manufacturing .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345  | Navigational, measuring, electromedical, and control instruments manufacturing ..... | 1              | 10                              | 5                         | 387                 | 16 911            | 158                 | 284           | 4 185           | 44 720                | 32 022                            | 77 072                             | 1 097                                |
| 33451   | Navigational, measuring, electromedical, and control instruments manufacturing ...   | 1              | 10                              | 5                         | 387                 | 16 911            | 158                 | 284           | 4 185           | 44 720                | 32 022                            | 77 072                             | 1 097                                |
| 334516  | Analytical laboratory instrument manufacturing ..                                    | 1              | 4                               | 3                         | 270                 | 12 678            | 94                  | 237           | 3 013           | 37 430                | 24 823                            | 62 380                             | 932                                  |
| 337   | Furniture and related product manufacturing .....                                    | 2              | 6                               | 4                         | 286                 | 7 103             | 236                 | 490           | 4 856           | 13 696                | 11 764                            | 25 278                             | 733                                  |
| <b>WARREN, PA MICROPOLITAN STATISTICAL AREA</b>             |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33   | Manufacturing .....  | -              | 78                              | 26                        | 3 871               | 133 504           | 2 730               | 5 284         | 82 072          | 395 007               | 802 732                           | 1 192 556                          | 16 555                               |
| 324   | Petroleum and coal products manufacturing .....                                      | -              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241  | Petroleum and coal products manufacturing .....                                      | -              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32411   | Petroleum refineries .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110  | Petroleum refineries .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326   | Plastics and rubber products manufacturing .....                                     | 1              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 325                                |
| 3261  | Plastics product manufacturing ..  | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619   | Other plastics product manufacturing .....   | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199  | All other plastics product manufacturing .....                                       | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....   | -              | 17                              | 4                         | 853                 | 32 151            | 649                 | 1 190         | 21 112          | 87 305                | 39 620                            | 128 976                            | 1 280                                |
| 3321  | Forging and stamping.....  | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33211   | Forging and stamping.....  | -              | 2                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332111  | Iron and steel forging .....   | -              | 1                               | 1                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333   | Machinery manufacturing .....  | -              | 10                              | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 236                                |
| 339   | Miscellaneous manufacturing .....  | -              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399  | Other miscellaneous manufacturing .....  | -              | 4                               | 3                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33995   | Sign manufacturing.....  | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339950  | Sign manufacturing.....  | -              | 3                               | 2                         | e                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 250 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 250 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: e–250 to 499 employees; f–500 to 999 employees; g–1,000 to 2,499 employees; h–2,500 to 4,999 employees; i–5,000 to 9,999 employees; j–10,000 to 24,999 employees; k–25,000 to 49,999 employees; l–50,000 to 99,999 employees; m–100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Industry Statistics for Counties: 2002**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code       | Geographic area and industry  | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|------------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                  |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>ADAMS</b>     |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33            | Manufacturing .....   | 3                               | 127   | 53                        | 6 953               | 216 536            | 5 424               | 10 385        | 150 489               | 844 564                           | 642 867                            | 1 494 802                            | 62 050          |
| 311              | Food manufacturing .....  | 4                               | 17    | 13                        | 2 071               | 51 243             | 1 635               | 2 999         | 37 571                | 255 788                           | 260 089                            | 522 967                              | 13 912          |
| 3114             | Fruit and vegetable preserving and specialty food manufacturing .....         | 5                               | 5     | 5                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31142            | Fruit and vegetable canning, pickling, and drying .....                       | 5                               | 5     | 5                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311421           | Fruit and vegetable canning ..  | 5                               | 5     | 5                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 322              | Paper manufacturing .....   | -                               | 7     | 5                         | 762                 | 31 829             | 509                 | 1 063         | 15 377                | 76 533                            | 102 079                            | 181 535                              | D               |
| 3222             | Converted paper product manufacturing .....                                   | -                               | 7     | 5                         | 762                 | 31 829             | 509                 | 1 063         | 15 377                | 76 533                            | 102 079                            | 181 535                              | D               |
| 32221            | Paperboard container manufacturing .....                                      | -                               | 5     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 322211           | Corrugated and solid fiber box manufacturing .....                            | -                               | 4     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 323              | Printing and related support activities .....                                 | -                               | 4     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3231             | Printing and related support activities .....                                 | -                               | 4     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32311            | Printing .....  | -                               | 4     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334              | Computer and electronic product manufacturing .....                           | -                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3344             | Semiconductor and other electronic component manufacturing .....              | -                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33441            | Semiconductor and other electronic component manufacturing .....              | -                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 334417           | Electronic connector manufacturing .....                                      | -                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337              | Furniture and related product manufacturing .....                             | -                               | 12    | 2                         | 695                 | 21 142             | 631                 | 1 282         | 18 012                | 80 876                            | 42 235                             | 122 657                              | 3 234           |
| 3371             | Household and institutional furniture and kitchen cabinet manufacturing ..... | -                               | 10    | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33711            | Wood kitchen cabinet and countertop manufacturing ....                        | -                               | 6     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337110           | Wood kitchen cabinet and countertop manufacturing ..                          | -                               | 6     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| <b>ALLEGHENY</b> |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33            | Manufacturing .....   | 1                               | 1 355 | 420                       | 46 709              | 1 959 292          | 30 531              | 59 730        | 1 106 127             | 5 847 341                         | 4 907 440                          | 10 736 527                           | 206 200         |
| 311              | Food manufacturing .....  | 2                               | 113   | 34                        | 3 021               | 89 779             | 1 875               | 3 413         | 49 684                | 406 403                           | 345 135                            | 749 425                              | 11 565          |
| 3114             | Fruit and vegetable preserving and specialty food manufacturing .....         | -                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 31142            | Fruit and vegetable canning, pickling, and drying .....                       | -                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 311422           | Specialty canning .....   | -                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3115             | Dairy product manufacturing .....   | 2                               | 7     | 7                         | 599                 | 21 105             | 213                 | 481           | 5 750                 | 130 878                           | 119 198                            | 250 494                              | D               |
| 31151            | Dairy product (except frozen) manufacturing .....                             | -                               | 6     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3118             | Bakeries and tortilla manufacturing .....                                     | 7                               | 65    | 16                        | 1 121               | 29 398             | 650                 | 1 146         | 17 597                | 104 351                           | 38 192                             | 142 606                              | D               |
| 31181            | Bread and bakery product manufacturing .....                                  | 3                               | 60    | 13                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 312              | Beverage and tobacco product manufacturing .....                              | -                               | 9     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3121             | Beverage manufacturing .....  | -                               | 9     | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 323              | Printing and related support activities .....                                 | 1                               | 199   | 45                        | 3 356               | 109 499            | 2 469               | 4 545         | 69 994                | 267 880                           | 133 048                            | 401 145                              | 20 537          |
| 3231             | Printing and related support activities .....                                 | 1                               | 199   | 45                        | 3 356               | 109 499            | 2 469               | 4 545         | 69 994                | 267 880                           | 133 048                            | 401 145                              | 20 537          |
| 32311            | Printing .....  | 1                               | 185   | 41                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 323110           | Commercial lithographic printing .....  | 1                               | 88    | 24                        | 1 763               | 60 829             | 1 292               | 2 297         | 37 873                | 135 583                           | 73 616                             | 207 594                              | 15 168          |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code            | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                       |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ALLEGHENY—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325                   | Chemical manufacturing .....   | 3              | 70                              | 27                        | 2 666               | 130 562           | 1 579               | 3 141         | 69 185          | 489 077               | 570 267                           | 1 057 206                          | 24 662                               |
| 3252                  | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | 4              | 5                               | 4                         | 761                 | 40 036            | 475                 | 995           | 25 969          | 114 239               | 200 683                           | 318 420                            | 4 577                                |
| 32521                 | Resin and synthetic rubber manufacturing .....   | 4              | 5                               | 4                         | 761                 | 40 036            | 475                 | 995           | 25 969          | 114 239               | 200 683                           | 318 420                            | 4 577                                |
| 325211                | Plastics material and resin manufacturing .....  | 4              | 5                               | 4                         | 761                 | 40 036            | 475                 | 995           | 25 969          | 114 239               | 200 683                           | 318 420                            | 4 577                                |
| 3255                  | Paint, coating, and adhesive manufacturing .....   | 1              | 14                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32551                 | Paint and coating manufacturing .....  | 1              | 12                              | 6                         | 770                 | 41 896            | 333                 | 692           | 14 691          | 122 386               | 169 088                           | 289 697                            | 6 071                                |
| 325510                | Paint and coating manufacturing .....  | 1              | 12                              | 6                         | 770                 | 41 896            | 333                 | 692           | 14 691          | 122 386               | 169 088                           | 289 697                            | 6 071                                |
| 326                   | Plastics and rubber products manufacturing .....   | 1              | 32                              | 19                        | 1 406               | 47 173            | 991                 | 1 927         | 26 788          | 112 217               | 98 296                            | 208 402                            | 10 068                               |
| 3261                  | Plastics product manufacturing ..  | 1              | 28                              | 18                        | 1 350               | 45 310            | 948                 | 1 839         | 25 526          | 108 213               | 94 235                            | 200 337                            | D                                    |
| 32619                 | Other plastics product manufacturing .....   | —              | 21                              | 13                        | 1 054               | 36 545            | 710                 | 1 283         | 19 346          | 85 505                | 57 674                            | 140 707                            | 7 588                                |
| 326199                | All other plastics product manufacturing .....   | —              | 20                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                   | Nonmetallic mineral product manufacturing .....  | 2              | 66                              | 26                        | 2 595               | 104 100           | 2 073               | 4 303         | 76 508          | 296 502               | 225 222                           | 516 764                            | 11 489                               |
| 3272                  | Glass and glass product manufacturing .....  | 1              | 15                              | 7                         | 1 518               | 59 552            | 1 290               | 2 619         | 47 472          | 175 752               | 118 075                           | 288 991                            | 5 043                                |
| 32721                 | Glass and glass product manufacturing .....  | 1              | 15                              | 7                         | 1 518               | 59 552            | 1 290               | 2 619         | 47 472          | 175 752               | 118 075                           | 288 991                            | 5 043                                |
| 327215                | Glass product manufacturing made of purchased glass ..                                     | 2              | 10                              | 3                         | 728                 | 28 132            | 607                 | 1 248         | 21 157          | 62 505                | 69 650                            | 132 028                            | 2 895                                |
| 331                   | Primary metal manufacturing .....  | —              | 39                              | 22                        | 8 732               | 421 494           | 6 413               | 13 141        | 305 161         | 1 802 454             | 1 372 977                         | 3 178 552                          | 37 262                               |
| 3311                  | Iron and steel mills and ferroalloy manufacturing .....                                    | —              | 7                               | 6                         | 6 838               | 338 630           | 5 204               | 10 575        | 254 864         | 1 591 697             | 1 153 736                         | 2 733 105                          | 32 419                               |
| 33111                 | Iron and steel mills and ferroalloy manufacturing .....                                    | —              | 7                               | 6                         | 6 838               | 338 630           | 5 204               | 10 575        | 254 864         | 1 591 697             | 1 153 736                         | 2 733 105                          | 32 419                               |
| 331111                | Iron and steel mills .....   | —              | 7                               | 6                         | 6 838               | 338 630           | 5 204               | 10 575        | 254 864         | 1 591 697             | 1 153 736                         | 2 733 105                          | 32 419                               |
| 3314                  | Nonferrous metal (except aluminum) production and processing .....                         | —              | 14                              | 6                         | 661                 | 30 641            | 415                 | 890           | 16 678          | 112 148               | 95 806                            | 214 017                            | 2 576                                |
| 3315                  | Foundries .....  | —              | 11                              | 5                         | 742                 | 29 984            | 419                 | 889           | 15 814          | 44 147                | 30 304                            | 75 784                             | D                                    |
| 332                   | Fabricated metal product manufacturing .....   | 1              | 255                             | 87                        | 5 367               | 199 021           | 3 884               | 7 893         | 121 732         | 481 379               | 661 323                           | 1 138 516                          | 29 471                               |
| 3323                  | Architectural and structural metals manufacturing .....                                    | 2              | '64                             | '22                       | '1 373              | '50 186           | '964                | '1 987        | '29 073         | '102 824              | '107 188                          | '209 565                           | '12 894                              |
| 33231                 | Plate work and fabricated structural product manufacturing .....                           | 2              | '26                             | '12                       | '648                | '23 725           | '451                | '916          | '13 121         | '43 154               | '41 666                           | '85 009                            | '2 516                               |
| 33232                 | Ornamental and architectural metal products manufacturing .....                            | 1              | 38                              | 10                        | 725                 | 26 461            | 513                 | 1 071         | 15 952          | 59 670                | 65 522                            | 124 556                            | 10 378                               |
| 3324                  | Boiler, tank, and shipping container manufacturing .....                                   | 1              | '14                             | '9                        | '634                | '23 637           | '447                | '1 021        | '13 283         | '59 889               | '26 847                           | '85 216                            | '2 229                               |
| 3327                  | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                | 4              | 85                              | 19                        | 1 289               | 46 949            | 987                 | 1 884         | 31 608          | 81 080                | 48 024                            | 131 337                            | 5 866                                |
| 33271                 | Machine shops .....  | 4              | 69                              | 13                        | 761                 | 27 262            | 555                 | 955           | 17 480          | 40 089                | 23 170                            | 62 252                             | 3 498                                |
| 332710                | Machine shops .....  | 4              | 69                              | 13                        | 761                 | 27 262            | 555                 | 955           | 17 480          | 40 089                | 23 170                            | 62 252                             | 3 498                                |
| 33272                 | Turned product and screw, nut, and bolt manufacturing .....                                | 4              | 16                              | 6                         | 528                 | 19 687            | 432                 | 929           | 14 128          | 40 991                | 24 854                            | 69 085                             | 2 368                                |
| 3328                  | Coating, engraving, heat treating, and allied activities .....                             | —              | 24                              | 9                         | 519                 | 22 205            | 400                 | 904           | 16 157          | 107 474               | 367 164                           | 467 715                            | 2 471                                |
| 33281                 | Coating, engraving, heat treating, and allied activities ..                                | —              | 24                              | 9                         | 519                 | 22 205            | 400                 | 904           | 16 157          | 107 474               | 367 164                           | 467 715                            | 2 471                                |
| 3329                  | Other fabricated metal product manufacturing .....   | 3              | 36                              | 11                        | 601                 | 22 401            | 462                 | 926           | 14 144          | 49 342                | 37 528                            | 86 692                             | 2 517                                |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code            | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                       |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ALLEGHENY—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333                   | Machinery manufacturing .....  | 3  | 104                             | 41                        | 4 308               | 189 026           | 2 332               | 4 634         | 89 429          | 378 828               | 249 872                           | 633 501                            | 13 340                               |
| 3332                  | Industrial machinery manufacturing .....   | 7  | 15                              | 5                         | 511                 | 23 377            | 271                 | 528           | 9 331           | 47 934                | 35 763                            | 83 718                             | 2 655                                |
| 33329                 | Other industrial machinery manufacturing .....   | 7  | 14                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3333                  | Commercial and service industry machinery manufacturing .....  | 2  | 10                              | 4                         | 509                 | 27 034            | 379                 | 788           | 18 417          | 41 871                | 53 969                            | 98 796                             | D                                    |
| 33331                 | Commercial and service industry machinery manufacturing .....  | 2  | 10                              | 4                         | 509                 | 27 034            | 379                 | 788           | 18 417          | 41 871                | 53 969                            | 98 796                             | D                                    |
| 3335                  | Metalworking machinery manufacturing .....   | 3  | 39                              | 11                        | 991                 | 45 099            | 619                 | 1 247         | 25 024          | 102 000               | 77 916                            | 178 997                            | 4 239                                |
| 33351                 | Metalworking machinery manufacturing .....   | 3  | 39                              | 11                        | 991                 | 45 099            | 619                 | 1 247         | 25 024          | 102 000               | 77 916                            | 178 997                            | 4 239                                |
| 3339                  | Other general purpose machinery manufacturing .....  | 2  | 27                              | 16                        | 2 000               | 79 895            | 892                 | 1 715         | 30 419          | 159 643               | 62 614                            | 224 118                            | 4 268                                |
| 33391                 | Pump and compressor manufacturing .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333911                | Pump and pumping equipment manufacturing ..  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33399                 | All other general purpose machinery manufacturing ....   | 2  | 19                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333993                | Packaging machinery manufacturing .....  | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                   | Computer and electronic product manufacturing .....  | 1  | 79                              | 29                        | 4 370               | 232 209           | 1 699               | 3 285         | 56 893          | 543 916               | 316 036                           | 855 435                            | 17 311                               |
| 3344                  | Semiconductor and other electronic component manufacturing .....   | 1  | 18                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441                 | Semiconductor and other electronic component manufacturing .....   | 1  | 18                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345                  | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —  | 36                              | 18                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451                 | Navigational, measuring, electromedical, and control instruments manufacturing ...   | —  | 36                              | 18                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334510                | Electromedical and electrotherapeutic apparatus manufacturing ...  | —  | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 421                                |
| 334513                | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —  | 14                              | 7                         | 1 248               | 72 311            | 362                 | 524           | 16 216          | 165 601               | 136 242                           | 300 128                            | D                                    |
| 335                   | Electrical equipment, appliance, and component manufacturing .....   | 2  | 28                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 776                                |
| 3359                  | Other electrical equipment and component manufacturing .....   | 2  | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599                 | All other electrical equipment and component manufacturing .....   | —  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335999                | All other miscellaneous electrical equipment and component manufacturing ..  | —  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                   | Transportation equipment manufacturing .....   | 1  | 23                              | 11                        | 4 041               | 215 384           | 2 292               | 4 521         | 110 148         | 455 349               | 498 516                           | 947 812                            | 5 422                                |
| 3363                  | Motor vehicle parts manufacturing .....  | 2  | 9                               | 4                         | 907                 | 51 528            | 774                 | 1 366         | 42 765          | 92 436                | 43 547                            | 139 811                            | 1 975                                |
| 33637                 | Motor vehicle metal stamping ..  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336370                | Motor vehicle metal stamping .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365                  | Railroad rolling stock manufacturing .....   | 1  | 4                               | 4                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651                 | Railroad rolling stock manufacturing .....   | 1  | 4                               | 4                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510                | Railroad rolling stock manufacturing .....   | 1  | 4                               | 4                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                   | Furniture and related product manufacturing .....  | 3  | 71                              | 10                        | 699                 | 21 402            | 515                 | 983           | 13 978          | 37 436                | 33 286                            | 74 943                             | 1 474                                |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code            | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                       |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ALLEGHENY—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339                   | Miscellaneous manufacturing .....  | 2              | 146                             | 30                        | 2 657               | 86 198            | 1 902               | 3 426         | 53 644          | 173 612               | 124 829                           | 299 171                            | 7 240                                |
| 3391                  | Medical equipment and supplies manufacturing .....                                   | 1              | 50                              | 10                        | 868                 | 26 696            | 611                 | 1 138         | 15 682          | 48 394                | 26 840                            | 75 144                             | 5 202                                |
| 33911                 | Medical equipment and supplies manufacturing .....                                   | 1              | 50                              | 10                        | 868                 | 26 696            | 611                 | 1 138         | 15 682          | 48 394                | 26 840                            | 75 144                             | 5 202                                |
| 339112                | Surgical and medical instrument manufacturing ..                                     | —              | 6                               | 4                         | 510                 | 14 606            | 381                 | 702           | 9 076           | 23 952                | 14 690                            | 38 711                             | D                                    |
| 3399                  | Other miscellaneous manufacturing .....  | 2              | 96                              | 20                        | 1 789               | 59 502            | 1 291               | 2 288         | 37 962          | 125 218               | 97 989                            | 224 027                            | 2 038                                |
| 33995                 | Sign manufacturing .....   | 2              | 37                              | 11                        | 1 097               | 40 151            | 816                 | 1 422         | 27 987          | 84 291                | 65 756                            | 150 817                            | D                                    |
| 339950                | Sign manufacturing .....   | 2              | 37                              | 11                        | 1 097               | 40 151            | 816                 | 1 422         | 27 987          | 84 291                | 65 756                            | 150 817                            | D                                    |
| <b>ARMSTRONG</b>      |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                 | Manufacturing .....  | —              | 96                              | 28                        | 2 725               | 92 964            | 1 954               | 4 086         | 58 539          | 202 084               | 148 457                           | 350 501                            | 15 778                               |
| 327                   | Nonmetallic mineral product manufacturing .....                                      | —              | 11                              | 5                         | 771                 | 27 592            | 525                 | 1 165         | 15 504          | 68 355                | 44 998                            | 112 602                            | D                                    |
| 3271                  | Clay product and refractory manufacturing .....                                      | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32711                 | Pottery, ceramics, and plumbing fixture manufacturing .....                          | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327111                | Vitreous china and earthenware plumbing fixture and accessories mfg .....            | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                   | Machinery manufacturing .....  | —              | 18                              | 8                         | 601                 | 24 600            | 451                 | 962           | 18 454          | 50 341                | 25 907                            | 77 512                             | 3 051                                |
| 3335                  | Metalworking machinery manufacturing .....   | —              | 12                              | 6                         | 519                 | 22 646            | 398                 | 886           | 17 365          | 46 114                | 20 191                            | 67 783                             | 2 778                                |
| 33351                 | Metalworking machinery manufacturing .....   | —              | 12                              | 6                         | 519                 | 22 646            | 398                 | 886           | 17 365          | 46 114                | 20 191                            | 67 783                             | 2 778                                |
| <b>BEAVER</b>         |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                 | Manufacturing .....  | 1              | 215                             | 80                        | 9 041               | 344 866           | 6 738               | 12 590        | 223 864         | 1 058 000             | 1 244 154                         | 2 326 279                          | 59 614                               |
| 325                   | Chemical manufacturing .....   | 4              | 12                              | 4                         | 591                 | 30 117            | 424                 | 895           | 19 459          | 167 980               | 245 916                           | 416 695                            | 7 780                                |
| 326                   | Plastics and rubber products manufacturing .....                                     | —              | 9                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261                  | Plastics product manufacturing ..  | —              | 9                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                 | Other plastics product manufacturing .....   | —              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                | All other plastics product manufacturing .....                                       | —              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                   | Nonmetallic mineral product manufacturing .....                                      | —              | 18                              | 12                        | 1 441               | 54 518            | 1 094               | 2 022         | 34 938          | 207 749               | 92 146                            | 298 509                            | 9 547                                |
| 3272                  | Glass and glass product manufacturing .....  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721                 | Glass and glass product manufacturing .....  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212                | Other pressed and blown glass and glassware manufacturing .....                      | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                   | Primary metal manufacturing .....  | —              | 29                              | 19                        | 2 997               | 132 497           | 2 212               | 4 049         | 87 716          | 274 764               | 462 233                           | 760 110                            | 10 074                               |
| 3311                  | Iron and steel mills and ferroalloy manufacturing .....                              | —              | 7                               | 5                         | 1 448               | 66 544            | 1 099               | 1 889         | 44 341          | 133 625               | 295 741                           | 440 705                            | 5 406                                |
| 33111                 | Iron and steel mills and ferroalloy manufacturing .....                              | —              | 7                               | 5                         | 1 448               | 66 544            | 1 099               | 1 889         | 44 341          | 133 625               | 295 741                           | 440 705                            | 5 406                                |
| 331111                | Iron and steel mills .....   | —              | 7                               | 5                         | 1 448               | 66 544            | 1 099               | 1 889         | 44 341          | 133 625               | 295 741                           | 440 705                            | 5 406                                |
| 3314                  | Nonferrous metal (except aluminum) production and processing .....                   | —              | 8                               | 4                         | 966                 | 43 762            | 652                 | 1 306         | 28 077          | 86 379                | 94 225                            | 187 148                            | 2 617                                |
| 33141                 | Nonferrous metal (except aluminum) smelting and refining .....                       | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331419                | Primary smelting and refining of nonferrous metal (except copper and aluminum) ..... | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                   | Fabricated metal product manufacturing .....   | 3              | 50                              | 18                        | 1 079               | 40 923            | 780                 | 1 540         | 25 775          | 67 558                | 128 518                           | 194 908                            | 9 805                                |
| 3323                  | Architectural and structural metals manufacturing .....                              | 4              | 16                              | 8                         | 605                 | 23 471            | 441                 | 925           | 14 751          | 23 459                | 101 771                           | 124 688                            | 2 238                                |
| 33231                 | Plate work and fabricated structural product manufacturing .....                     | 4              | 11                              | 6                         | 546                 | 21 751            | 404                 | 847           | 13 779          | 18 405                | 97 938                            | 115 765                            | 2 153                                |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code         | Geographic area and industry                                       | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                    |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BEAVER—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335                | Electrical equipment, appliance, and component manufacturing ..... | —  | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353               | Electrical equipment manufacturing .....                           | —  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531              | Electrical equipment manufacturing .....                           | —  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335313             | Switchgear and switchboard apparatus manufacturing ...             | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BEDFORD</b>     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | 1  | '72                             | '21                       | '3 189              | '96 802           | '2 522              | '4 990        | '67 998         | '221 545              | '371 548                          | '607 724                           | '16 857                              |
| 336                | Transportation equipment manufacturing .....                       | —  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3369               | Other transportation equipment manufacturing .....                 | —  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33699              | Other transportation equipment manufacturing .....                 | —  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BERKS</b>       |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | 1  | 579                             | 235                       | 33 203              | 1 286 567         | 23 920              | 47 500        | 771 643         | 3 504 867             | 3 257 103                         | 6 764 344                          | 228 181                              |
| 311                | Food manufacturing .....   | —  | 56                              | 21                        | 3 771               | 125 008           | 2 962               | 5 909         | 83 487          | 663 846               | 462 823                           | 1 129 481                          | 34 867                               |
| 3113               | Sugar and confectionery product manufacturing .....                | —  | 7                               | 5                         | 1 591               | 44 020            | 1 366               | 2 683         | 32 083          | 364 837               | 140 767                           | 503 842                            | 20 426                               |
| 31133              | Confectionery manufacturing from purchased chocolate ...           | —  | 7                               | 5                         | 1 591               | 44 020            | 1 366               | 2 683         | 32 083          | 364 837               | 140 767                           | 503 842                            | 20 426                               |
| 311330             | Confectionery manufacturing from purchased chocolate ..            | —  | 7                               | 5                         | 1 591               | 44 020            | 1 366               | 2 683         | 32 083          | 364 837               | 140 767                           | 503 842                            | 20 426                               |
| 3118               | Bakeries and tortilla manufacturing .....                          | —  | 18                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181              | Bread and bakery product manufacturing .....                       | —  | 17                              | 3                         | 684                 | 22 600            | 560                 | 1 135         | 16 942          | 136 011               | 46 666                            | 184 180                            | D                                    |
| 313                | Textile mills .....  | 1  | 8                               | 6                         | 675                 | 20 059            | 566                 | 1 169         | 15 212          | 39 127                | 24 480                            | 64 013                             | 718                                  |
| 3132               | Fabric mills .....   | —  | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31322              | Narrow fabric mills and schiffli machine embroidery .....          | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313221             | Narrow fabric mills .....  | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315                | Apparel manufacturing .....  | 1  | 20                              | 10                        | 664                 | 16 185            | 514                 | 953           | 10 718          | 53 671                | 20 074                            | 74 056                             | 352                                  |
| 316                | Leather and allied product manufacturing .....                     | —  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322                | Paper manufacturing .....  | —  | 9                               | 6                         | 540                 | 24 718            | 402                 | 860           | 14 593          | 86 282                | 76 581                            | 161 227                            | 7 093                                |
| 323                | Printing and related support activities .....                      | —  | 50                              | 15                        | 1 592               | 48 615            | 1 251               | 1 976         | 30 503          | 107 948               | 80 730                            | 187 788                            | 12 606                               |
| 3231               | Printing and related support activities .....                      | —  | 50                              | 15                        | 1 592               | 48 615            | 1 251               | 1 976         | 30 503          | 107 948               | 80 730                            | 187 788                            | 12 606                               |
| 32311              | Printing .....   | —  | 47                              | 15                        | 1 581               | 48 251            | 1 243               | 1 966         | 30 271          | 107 274               | 80 524                            | 186 904                            | 12 578                               |
| 323110             | Commercial lithographic printing .....                             | —  | 25                              | 9                         | 1 160               | 32 913            | 928                 | 1 360         | 19 953          | 69 513                | 37 047                            | 106 053                            | 5 530                                |
| 325                | Chemical manufacturing .....                                       | —  | 31                              | 16                        | 1 603               | 75 303            | 900                 | 1 746         | 30 249          | 288 413               | 281 489                           | 564 248                            | D                                    |
| 3255               | Paint, coating, and adhesive manufacturing .....                   | —  | 4                               | 4                         | 651                 | 33 373            | 354                 | 752           | 12 868          | 110 071               | 154 040                           | 263 793                            | D                                    |
| 32551              | Paint and coating manufacturing .....                              | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 529                                |
| 325510             | Paint and coating manufacturing .....                              | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 529                                |
| 326                | Plastics and rubber products manufacturing .....                   | 2  | 22                              | 12                        | 1 980               | 68 847            | 1 436               | 2 969         | 41 466          | 158 384               | 105 791                           | 263 675                            | 28 411                               |
| 3261               | Plastics product manufacturing ..                                  | 2  | 22                              | 12                        | 1 980               | 68 847            | 1 436               | 2 969         | 41 466          | 158 384               | 105 791                           | 263 675                            | 28 411                               |
| 32619              | Other plastics product manufacturing .....                         | 3  | 16                              | 7                         | 1 248               | 42 560            | 908                 | 1 888         | 21 899          | 82 450                | 67 233                            | 148 609                            | 22 135                               |
| 326199             | All other plastics product manufacturing .....                     | 3  | 14                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                | Nonmetallic mineral product manufacturing .....                    | 1  | 30                              | 10                        | 767                 | 29 670            | 608                 | 1 272         | 22 263          | 99 498                | 75 326                            | 178 369                            | 14 357                               |
| 3273               | Cement and concrete product manufacturing .....                    | 1  | 20                              | 8                         | 600                 | 23 541            | 474                 | 1 007         | 17 898          | 76 385                | 64 746                            | 144 961                            | 13 917                               |

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| NAICS code        | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                   |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BERKS—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331               | Primary metal manufacturing .....  | 1  | '37                             | '29                       | '5 347              | '245 671          | '4 065              | '7 758        | '161 489        | '686 484              | '872 370                          | '1 556 813                         | '45 306                              |
| 3311              | Iron and steel mills and ferroalloy manufacturing .....                              | —  | '2                              | '2                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111             | Iron and steel mills and ferroalloy manufacturing .....                              | —  | '2                              | '2                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111            | Iron and steel mills .....   | —  | '2                              | '2                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314              | Nonferrous metal (except aluminum) production and processing .....                   | 1  | 15                              | 12                        | 1 696               | 87 644            | 1 191               | 2 498         | 53 379          | 307 402               | 551 433                           | 816 342                            | 33 111                               |
| 33141             | Nonferrous metal (except aluminum) smelting and refining .....                       | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331419            | Primary smelting and refining of nonferrous metal (except copper and aluminum) ..... | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33142             | Copper rolling, drawing, extruding, and alloying .....                               | 3  | 8                               | 6                         | 617                 | 26 758            | 476                 | 991           | 18 786          | 58 323                | 331 269                           | 390 733                            | 4 979                                |
| 331421            | Copper rolling, drawing, and extruding .....   | 5  | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315              | Foundries .....  | 2  | 20                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33151             | Ferrous metal foundries .....  | 2  | 10                              | 9                         | 780                 | 25 051            | 654                 | 1 347         | 19 083          | 42 219                | 26 789                            | 70 766                             | D                                    |
| 332               | Fabricated metal product manufacturing .....   | 3  | '110                            | '39                       | '3 289              | '110 731          | '2 413              | '4 990        | '68 617         | '298 952              | '218 592                          | '520 275                           | '21 954                              |
| 3323              | Architectural and structural metals manufacturing .....                              | 1  | 24                              | 14                        | 785                 | 29 440            | 546                 | 1 120         | 18 576          | 51 901                | 37 611                            | 88 968                             | 1 578                                |
| 33231             | Plate work and fabricated structural product manufacturing .....                     | 1  | 13                              | 11                        | 501                 | 19 602            | 344                 | 704           | 12 264          | 34 410                | 27 465                            | 61 350                             | 1 105                                |
| 3325              | Hardware manufacturing .....   | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33251             | Hardware manufacturing .....   | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332510            | Hardware manufacturing .....   | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327              | Machine shops; turned product; and screw, nut, and bolt manufacturing .....          | '6 | '38                             | '10                       | '709                | '27 574           | '543                | '1 102        | '19 594         | '72 009               | '50 952                           | '123 913                           | '4 535                               |
| 333               | Machinery manufacturing .....  | 2  | 36                              | 12                        | 772                 | 32 013            | 402                 | 791           | 12 289          | 87 989                | 74 138                            | 160 158                            | 4 026                                |
| 334               | Computer and electronic product manufacturing .....                                  | —  | 22                              | 8                         | 2 017               | 113 002           | 1 183               | 2 605         | 60 508          | 89 965                | 99 173                            | 181 675                            | 3 113                                |
| 3344              | Semiconductor and other electronic component manufacturing .....                     | —  | 9                               | 4                         | 1 384               | 87 946            | 830                 | 1 943         | 48 307          | 49 624                | 46 753                            | 92 705                             | 1 645                                |
| 33441             | Semiconductor and other electronic component manufacturing .....                     | —  | 9                               | 4                         | 1 384               | 87 946            | 830                 | 1 943         | 48 307          | 49 624                | 46 753                            | 92 705                             | 1 645                                |
| 334413            | Semiconductor and related device manufacturing .....                                 | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335               | Electrical equipment, appliance, and component manufacturing .....                   | —  | 9                               | 5                         | 4 578               | 164 165           | 3 386               | 6 652         | 97 425          | 264 413               | 257 425                           | 523 375                            | D                                    |
| 3359              | Other electrical equipment and component manufacturing .....                         | —  | 4                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33591             | Battery manufacturing .....  | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335911            | Storage battery manufacturing .....  | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336               | Transportation equipment manufacturing .....   | —  | 11                              | 6                         | 916                 | 32 220            | 673                 | 1 336         | 21 739          | 64 755                | 67 534                            | 132 217                            | 2 271                                |
| 3362              | Motor vehicle body and trailer manufacturing .....                                   | —  | 6                               | 4                         | 834                 | 30 048            | 599                 | 1 198         | 20 131          | 62 015                | 57 669                            | 119 666                            | 2 126                                |
| 33621             | Motor vehicle body and trailer manufacturing .....                                   | —  | 6                               | 4                         | 834                 | 30 048            | 599                 | 1 198         | 20 131          | 62 015                | 57 669                            | 119 666                            | 2 126                                |
| 336211            | Motor vehicle body manufacturing .....   | —  | 3                               | 3                         | 782                 | 27 449            | 558                 | 1 108         | 17 965          | 58 767                | 49 303                            | 107 892                            | D                                    |
| 337               | Furniture and related product manufacturing .....                                    | 1  | 32                              | 12                        | 746                 | 24 083            | 586                 | 1 156         | 15 734          | 54 830                | 32 479                            | 87 663                             | 3 317                                |
| 339               | Miscellaneous manufacturing .....  | 2  | 39                              | 15                        | 2 162               | 96 613            | 1 359               | 2 949         | 51 520          | 231 237               | 264 257                           | 507 601                            | 17 452                               |
| 3391              | Medical equipment and supplies manufacturing .....                                   | 3  | 16                              | 6                         | 1 653               | 80 010            | 1 074               | 2 336         | 43 900          | 193 478               | 241 511                           | 447 016                            | 16 561                               |
| 33911             | Medical equipment and supplies manufacturing .....                                   | 3  | 16                              | 6                         | 1 653               | 80 010            | 1 074               | 2 336         | 43 900          | 193 478               | 241 511                           | 447 016                            | 16 561                               |
| 339112            | Surgical and medical instrument manufacturing ..                                     | 2  | 5                               | 4                         | 1 533               | 75 677            | 984                 | 2 171         | 41 722          | 183 472               | 236 291                           | 431 789                            | 15 993                               |
| 3399              | Other miscellaneous manufacturing .....  | 1  | 23                              | 9                         | 509                 | 16 603            | 285                 | 613           | 7 620           | 37 759                | 22 746                            | 60 585                             | 891                                  |

See footnotes at end of table.



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|-----------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                 |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BLAIR</b>    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33           | Manufacturing .....   | 1              | 153                             | 61                        | 7 649               | 257 682           | 5 894               | 11 582        | 172 714         | 816 174               | 730 493                           | 1 557 695                          | 37 458                               |
| 311             | Food manufacturing .....  | 1              | 21                              | 9                         | 728                 | 19 123            | 516                 | 1 045         | 12 864          | 35 534                | 76 555                            | 111 408                            | 7 533                                |
| 322             | Paper manufacturing .....   | —              | 7                               | 7                         | 1 542               | 64 716            | 1 258               | 2 489         | 45 518          | 194 238               | 146 201                           | 344 766                            | 6 519                                |
| 3222            | Converted paper product manufacturing .....   | —              | 6                               | 6                         | 1 377               | 55 952            | 1 124               | 2 222         | 38 831          | 194 238               | 146 201                           | 344 766                            | 6 519                                |
| 32222           | Paper bag and coated and treated paper manufacturing ..   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322222          | Coated and laminated paper manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223           | Stationery product manufacturing .....  | —              | 3                               | 3                         | 559                 | 17 092            | 470                 | 902           | 13 139          | 50 617                | 52 008                            | 104 119                            | D                                    |
| 327             | Nonmetallic mineral product manufacturing .....   | —              | 12                              | 5                         | 741                 | 28 212            | 562                 | 1 092         | 19 970          | 95 926                | 83 952                            | 180 099                            | 2 320                                |
| 332             | Fabricated metal product manufacturing .....  | —              | 18                              | 4                         | 514                 | 17 880            | 408                 | 722           | 12 809          | 61 164                | 42 465                            | 106 078                            | 2 208                                |
| <b>BRADFORD</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33           | Manufacturing .....   | 1              | 78                              | 26                        | 5 162               | 182 080           | 4 080               | 7 838         | 130 360         | 633 762               | 514 210                           | 1 145 572                          | 26 508                               |
| 311             | Food manufacturing .....  | —              | 15                              | 6                         | 752                 | 25 125            | 427                 | 692           | 10 311          | 53 805                | 101 778                           | 160 850                            | 1 084                                |
| 3116            | Animal slaughtering and processing .....  | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 286                                  |
| 31161           | Animal slaughtering and processing .....  | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 286                                  |
| 321             | Wood product manufacturing .....  | 6              | 18                              | 5                         | 1 216               | 32 971            | 1 070               | 2 223         | 24 486          | 76 746                | 107 795                           | 184 423                            | 6 853                                |
| 3219            | Other wood product manufacturing .....  | 6              | 12                              | 4                         | 1 108               | 30 311            | 978                 | 2 040         | 22 434          | 71 994                | 101 513                           | 173 615                            | D                                    |
| 32191           | Millwork .....  | 6              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321911          | Wood window and door manufacturing .....  | 6              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331             | Primary metal manufacturing .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314            | Nonferrous metal (except aluminum) production and processing .....                                | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149           | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331492          | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BUCKS</b>    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33           | Manufacturing .....   | 1              | 1 187                           | 373                       | 33 458              | 1 334 840         | 22 191              | 44 327        | 710 595         | 5 733 332             | 3 893 618                         | 9 586 071                          | 193 685                              |
| 311             | Food manufacturing .....  | 2              | 67                              | 14                        | 1 051               | 30 097            | 753                 | 1 544         | 18 333          | 74 658                | 81 694                            | 153 280                            | 7 077                                |
| 315             | Apparel manufacturing .....   | —              | 26                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 12 476                               |
| 3152            | Cut and sew apparel manufacturing .....   | —              | 18                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523           | Women's and girls' cut and sew apparel manufacturing .....  | —              | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239          | Women's and girls' cut and sew other outerwear manufacturing .....                                | —              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322             | Paper manufacturing .....   | 4              | 20                              | 14                        | 1 341               | 59 414            | 955                 | 2 084         | 33 289          | 144 182               | 189 654                           | 331 553                            | 7 421                                |
| 3222            | Converted paper product manufacturing .....   | 4              | 20                              | 14                        | 1 341               | 59 414            | 955                 | 2 084         | 33 289          | 144 182               | 189 654                           | 331 553                            | 7 421                                |
| 32222           | Paper bag and coated and treated paper manufacturing ..   | 7              | 8                               | 7                         | 725                 | 34 613            | 486                 | 1 083         | 18 607          | 90 463                | 114 236                           | 203 629                            | 5 069                                |
| 322222          | Coated and laminated paper manufacturing .....  | 7              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323             | Printing and related support activities .....   | 1              | 128                             | 36                        | 3 826               | 150 862           | 2 436               | 4 438         | 84 341          | 390 439               | 299 250                           | 690 873                            | 17 699                               |
| 3231            | Printing and related support activities .....   | 1              | 128                             | 36                        | 3 826               | 150 862           | 2 436               | 4 438         | 84 341          | 390 439               | 299 250                           | 690 873                            | 17 699                               |
| 32311           | Printing .....  | 1              | 114                             | 33                        | 3 558               | 139 700           | 2 229               | 3 992         | 77 244          | 370 334               | 296 021                           | 667 652                            | 15 685                               |
| 323110          | Commercial lithographic printing .....  | 1              | 54                              | 21                        | 2 515               | 99 329            | 1 525               | 2 535         | 53 984          | 264 949               | 130 894                           | 396 746                            | 11 596                               |

See footnotes at end of table.

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| NAICS code        | Geographic area and industry   | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|-------------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                   |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>BUCKS—Con.</b> |  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 325               | Chemical manufacturing .....   | —                               | 60    | 23                        | 3 048               | 159 020            | 1 544               | 3 168         | 65 218                | 2 262 922                         | 463 823                            | 2 691 587                            | 38 783          |
| 3251              | Basic chemical manufacturing ...   | —                               | 10    | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 8 309           |
| 3254              | Pharmaceutical and medicine manufacturing .....                                  | —                               | 10    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 8 070           |
| 32541             | Pharmaceutical and medicine manufacturing .....                                  | —                               | 10    | 4                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 8 070           |
| 325412            | Pharmaceutical preparation manufacturing .....                                   | —                               | 7     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3259              | Other chemical product and preparation manufacturing .....                       | 3                               | 17    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 12 338          |
| 32599             | All other chemical product and preparation manufacturing ...                     | 3                               | 16    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 326               | Plastics and rubber products manufacturing .....                                 | 2                               | 70    | 38                        | 3 166               | 118 771            | 2 277               | 4 625         | 70 801                | 283 438                           | 229 409                            | 510 509                              | 25 149          |
| 3261              | Plastics product manufacturing ..  | 2                               | 60    | 34                        | 2 949               | 111 768            | 2 131               | 4 352         | 66 247                | 268 475                           | 222 331                            | 488 447                              | 22 782          |
| 32611             | Plastics packaging materials and un laminated film and sheet manufacturing ..... | 5                               | 12    | 9                         | 563                 | 22 457             | 406                 | 829           | 13 568                | 57 227                            | 59 382                             | 117 838                              | D               |
| 32619             | Other plastics product manufacturing .....                                       | 2                               | 33    | 18                        | 1 731               | 65 795             | 1 257               | 2 591         | 37 176                | 138 208                           | 94 519                             | 231 276                              | 6 226           |
| 326199            | All other plastics product manufacturing .....                                   | 2                               | 33    | 18                        | 1 731               | 65 795             | 1 257               | 2 591         | 37 176                | 138 208                           | 94 519                             | 231 276                              | 6 226           |
| 327               | Nonmetallic mineral product manufacturing .....                                  | 1                               | 52    | 19                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 9 731           |
| 3273              | Cement and concrete product manufacturing .....                                  | —                               | 18    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 4 620           |
| 331               | Primary metal manufacturing .....  | —                               | 13    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 352           |
| 332               | Fabricated metal product manufacturing .....                                     | 2                               | 231   | 65                        | 5 002               | 203 391            | 3 735               | 7 808         | 127 884               | 475 159                           | 284 894                            | 766 859                              | 20 334          |
| 3323              | Architectural and structural metals manufacturing .....                          | 2                               | 43    | 21                        | 1 299               | 50 142             | 947                 | 1 974         | 29 704                | 139 944                           | 120 592                            | 260 825                              | 4 957           |
| 33232             | Ornamental and architectural metal products manufacturing .....                  | 1                               | 35    | 16                        | 923                 | 34 669             | 678                 | 1 404         | 20 699                | 100 341                           | 91 644                             | 192 045                              | 3 532           |
| 332322            | Sheet metal work manufacturing .....   | 2                               | 23    | 11                        | 542                 | 20 676             | 404                 | 840           | 12 505                | 59 702                            | 34 668                             | 94 634                               | 2 208           |
| 3327              | Machine shops; turned product; and screw, nut, and bolt manufacturing .....      | 2                               | 124   | 19                        | 2 222               | 90 372             | 1 736               | 3 642         | 61 333                | 182 096                           | 68 104                             | 255 194                              | 9 257           |
| 33271             | Machine shops .....  | 2                               | 108   | 12                        | 1 003               | 42 968             | 728                 | 1 440         | 27 337                | 74 536                            | 32 321                             | 109 241                              | 4 609           |
| 332710            | Machine shops .....  | 2                               | 108   | 12                        | 1 003               | 42 968             | 728                 | 1 440         | 27 337                | 74 536                            | 32 321                             | 109 241                              | 4 609           |
| 33272             | Turned product and screw, nut, and bolt manufacturing .....                      | 2                               | 16    | 7                         | 1 219               | 47 404             | 1 008               | 2 202         | 33 996                | 107 560                           | 35 783                             | 145 953                              | 4 648           |
| 332721            | Precision turned product manufacturing .....                                     | 5                               | 12    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 700           |
| 332722            | Bolt, nut, screw, rivet, and washer manufacturing .....                          | —                               | 4     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 948             |
| 3329              | Other fabricated metal product manufacturing .....                               | 1                               | 24    | 9                         | 527                 | 23 356             | 330                 | 683           | 10 730                | 55 757                            | 20 248                             | 77 925                               | 1 809           |
| 333               | Machinery manufacturing .....  | 4                               | '119  | '42                       | '3 084              | '128 526           | '1 962              | '4 115        | '69 417               | '259 625                          | '199 681                           | '461 879                             | '9 593          |
| 3332              | Industrial machinery manufacturing .....   | 5                               | 20    | 7                         | 504                 | 19 169             | 322                 | 627           | 9 294                 | 39 676                            | 27 306                             | 68 597                               | 741             |
| 3333              | Commercial and service industry machinery manufacturing .....                    | 7                               | 14    | 5                         | 623                 | 24 294             | 394                 | 819           | 13 190                | 50 186                            | 46 406                             | 96 689                               | 2 037           |
| 33331             | Commercial and service industry machinery manufacturing .....                    | 7                               | 14    | 5                         | 623                 | 24 294             | 394                 | 819           | 13 190                | 50 186                            | 46 406                             | 96 689                               | 2 037           |
| 3335              | Metalworking machinery manufacturing .....                                       | 1                               | 42    | 13                        | 645                 | 31 622             | 427                 | 919           | 19 043                | 50 014                            | 22 558                             | 70 547                               | 3 415           |
| 33351             | Metalworking machinery manufacturing .....                                       | 1                               | 42    | 13                        | 645                 | 31 622             | 427                 | 919           | 19 043                | 50 014                            | 22 558                             | 70 547                               | 3 415           |
| 3339              | Other general purpose machinery manufacturing .....                              | 5                               | '31   | '11                       | '856                | '37 517            | '450                | '941          | '16 658               | '77 536                           | '68 162                            | '148 028                             | D               |
| 33391             | Pump and compressor manufacturing .....  | '5                              | '10   | '8                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |

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|-------------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                   |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>BUCKS—Con.</b> |  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 334               | Computer and electronic product manufacturing .....  | '2                              | '88   | '28                       | '2 881              | '131 996           | '1 593              | '2 927        | '48 677               | '297 976                          | '196 565                           | '486 402                             | '12 706         |
| 3344              | Semiconductor and other electronic component manufacturing .....   | 3                               | 34    | 13                        | 992                 | 35 430             | 740                 | 1 447         | 19 757                | 92 231                            | 66 526                             | 158 313                              | 7 704           |
| 33441             | Semiconductor and other electronic component manufacturing .....   | 3                               | 34    | 13                        | 992                 | 35 430             | 740                 | 1 447         | 19 757                | 92 231                            | 66 526                             | 158 313                              | 7 704           |
| 334419            | Other electronic component manufacturing .....   | 4                               | 12    | 5                         | 532                 | 20 813             | 405                 | 757           | 10 564                | 49 100                            | 25 810                             | 74 538                               | 5 366           |
| 3345              | Navigational, measuring, electromedical, and control instruments manufacturing .....   | '2                              | '39   | '12                       | '1 542              | '78 137            | '645                | '1 221        | '21 744               | '165 815                          | '95 955                            | '258 410                             | D               |
| 33451             | Navigational, measuring, electromedical, and control instruments manufacturing .....   | '2                              | '39   | '12                       | '1 542              | '78 137            | '645                | '1 221        | '21 744               | '165 815                          | '95 955                            | '258 410                             | D               |
| 334513            | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | f                               | '9    | '6                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | '1 780          |
| 335               | Electrical equipment, appliance, and component manufacturing .....   | 1                               | 24    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3351              | Electric lighting equipment manufacturing .....  | —                               | 6     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33512             | Lighting fixture manufacturing .....   | —                               | 6     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335122            | Commercial, industrial, and institutional electric lighting fixture manufacturing .....                                      | —                               | 3     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336               | Transportation equipment manufacturing .....   | 2                               | 29    | 13                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3363              | Motor vehicle parts manufacturing .....  | 3                               | 20    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337               | Furniture and related product manufacturing .....  | 1                               | 64    | 12                        | 941                 | 30 596             | 682                 | 1 315         | 17 332                | 76 502                            | 54 204                             | 130 720                              | 3 843           |
| 3371              | Household and institutional furniture and kitchen cabinet manufacturing .....  | 1                               | 44    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 801           |
| 339               | Miscellaneous manufacturing .....  | 1                               | '118  | '30                       | '2 801              | '114 713           | '1 691              | '3 452        | '48 458               | '263 326                          | '211 416                           | '472 131                             | '8 818          |
| 3391              | Medical equipment and supplies manufacturing .....   | 1                               | '50   | '12                       | '1 225              | '61 605            | '664                | '1 349        | '23 560               | '129 757                          | '93 647                            | '222 607                             | '4 679          |
| 33911             | Medical equipment and supplies manufacturing .....   | 1                               | '50   | '12                       | '1 225              | '61 605            | '664                | '1 349        | '23 560               | '129 757                          | '93 647                            | '222 607                             | '4 679          |
| 339112            | Surgical and medical instrument manufacturing .....  | 1                               | 6     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 286           |
| 3399              | Other miscellaneous manufacturing .....  | 1                               | 68    | 18                        | 1 576               | 53 108             | 1 027               | 2 103         | 24 898                | 133 569                           | 117 769                            | 249 524                              | 4 139           |
| 33999             | All other miscellaneous manufacturing .....  | 1                               | 34    | 10                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 573           |
| 339999            | All other miscellaneous manufacturing .....  | 1                               | 28    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| <b>BUTLER</b>     |  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33             | Manufacturing .....  | —                               | 302   | 102                       | 13 697              | 551 604            | 9 515               | 18 712        | 331 226               | 1 341 354                         | 1 628 408                          | 2 958 798                            | 88 618          |
| 323               | Printing and related support activities .....  | —                               | 20    | 6                         | 565                 | 15 154             | 434                 | 879           | 10 499                | 29 812                            | 24 517                             | 54 511                               | 1 695           |
| 3231              | Printing and related support activities .....  | —                               | 20    | 6                         | 565                 | 15 154             | 434                 | 879           | 10 499                | 29 812                            | 24 517                             | 54 511                               | 1 695           |
| 32311             | Printing .....   | —                               | 17    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 324               | Petroleum and coal products manufacturing .....  | —                               | 7     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3241              | Petroleum and coal products manufacturing .....  | —                               | 7     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 325               | Chemical manufacturing .....   | —                               | 10    | 6                         | 634                 | 33 185             | 458                 | 938           | 22 669                | 102 189                           | 109 689                            | 217 508                              | 6 967           |
| 326               | Plastics and rubber products manufacturing .....   | —                               | 14    | 9                         | 905                 | 27 678             | 683                 | 1 413         | 17 303                | 69 242                            | 78 477                             | 150 156                              | 7 061           |
| 3261              | Plastics product manufacturing .....   | —                               | 10    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32619             | Other plastics product manufacturing .....   | —                               | 8     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 326199            | All other plastics product manufacturing .....   | —                               | 8     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 327               | Nonmetallic mineral product manufacturing .....  | 1                               | 35    | 12                        | 865                 | 30 181             | 642                 | 1 349         | 19 426                | 84 230                            | 47 980                             | 131 218                              | 6 673           |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code         | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                    |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BUTLER—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331                | Primary metal manufacturing .....  | —  | 13                              | 8                         | 2 542               | 134 701           | 2 023               | 4 142         | 102 059         | 296 086               | 493 490                           | 763 401                            | 17 228                               |
| 3311               | Iron and steel mills and ferroalloy manufacturing .....                              | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111              | Iron and steel mills and ferroalloy manufacturing .....                              | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111             | Iron and steel mills .....   | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                | Fabricated metal product manufacturing .....   | —  | 74                              | 28                        | 3 239               | 109 922           | 2 429               | 4 452         | 62 723          | 244 604               | 197 288                           | 444 798                            | 8 911                                |
| 3321               | Forging and stamping .....   | —  | 6                               | 4                         | 710                 | 23 618            | 604                 | 1 208         | 13 352          | 72 257                | 29 771                            | 100 613                            | 1 893                                |
| 33211              | Forging and stamping .....   | —  | 6                               | 4                         | 710                 | 23 618            | 604                 | 1 208         | 13 352          | 72 257                | 29 771                            | 100 613                            | 1 893                                |
| 332116             | Metal stamping .....   | —  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323               | Architectural and structural metals manufacturing .....                              | —  | 17                              | 8                         | 1 527               | 50 092            | 1 088               | 1 813         | 28 170          | 96 701                | 134 456                           | 233 754                            | 3 815                                |
| 33232              | Ornamental and architectural metal products manufacturing .....                      | —  | 8                               | 4                         | 1 348               | 44 887            | 946                 | 1 524         | 24 855          | 87 301                | 126 075                           | 216 201                            | 3 665                                |
| 332321             | Metal window and door manufacturing .....  | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                | Machinery manufacturing .....  | 1  | 33                              | 12                        | 1 619               | 66 637            | 745                 | 1 547         | 27 191          | 156 109               | 139 581                           | 294 971                            | 10 918                               |
| 3333               | Commercial and service industry machinery manufacturing .....                        | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33331              | Commercial and service industry machinery manufacturing .....                        | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333314             | Optical instrument and lens manufacturing .....                                      | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                | Computer and electronic product manufacturing .....                                  | —  | 16                              | 6                         | 1 254               | 56 145            | 690                 | 1 209         | 19 997          | 91 076                | 115 589                           | 209 214                            | 5 845                                |
| 3345               | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —  | 4                               | 3                         | 778                 | 38 533            | 377                 | 656           | 10 782          | 62 245                | 101 713                           | 163 896                            | 4 229                                |
| 33451              | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —  | 4                               | 3                         | 778                 | 38 533            | 377                 | 656           | 10 782          | 62 245                | 101 713                           | 163 896                            | 4 229                                |
| 334516             | Analytical laboratory instrument manufacturing .....                                 | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                | Miscellaneous manufacturing .....  | —  | 21                              | 1                         | 603                 | 18 918            | 299                 | 615           | 8 797           | 28 069                | 80 791                            | 109 084                            | D                                    |
| 3391               | Medical equipment and supplies manufacturing .....                                   | —  | 9                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911              | Medical equipment and supplies manufacturing .....                                   | —  | 9                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CAMBRIA</b>     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | 1  | 151                             | 47                        | 4 186               | 135 489           | 2 969               | 5 662         | 77 968          | 355 646               | 651 389                           | 1 010 977                          | 24 398                               |
| 331                | Primary metal manufacturing .....  | —  | 7                               | 4                         | 665                 | 24 704            | 517                 | 1 069         | 17 114          | 69 512                | 92 872                            | 162 756                            | D                                    |
| 332                | Fabricated metal product manufacturing .....   | 8  | 31                              | 12                        | 762                 | 23 942            | 555                 | 1 075         | 15 418          | 48 120                | 38 779                            | 86 923                             | 2 401                                |
| <b>CAMERON</b>     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | —  | 20                              | 9                         | 1 109               | 34 148            | 853                 | 1 751         | 22 837          | 66 693                | 44 115                            | 111 239                            | 4 174                                |
| 332                | Fabricated metal product manufacturing .....   | —  | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 862                                |
| 3325               | Hardware manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33251              | Hardware manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332510             | Hardware manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CARBON</b>      |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | 1  | 58                              | 26                        | 2 534               | 72 342            | 2 006               | 4 020         | 51 144          | 170 190               | 153 939                           | 316 132                            | 6 039                                |
| 315                | Apparel manufacturing .....  | 4  | 10                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152               | Cut and sew apparel manufacturing .....  | 5  | 9                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31521              | Cut and sew apparel contractors .....  | 4  | 7                               | 5                         | 509                 | 10 065            | 476                 | 1 030         | 9 182           | 16 645                | 800                               | 18 512                             | D                                    |
| 336                | Transportation equipment manufacturing .....   | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362               | Motor vehicle body and trailer manufacturing .....                                   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621              | Motor vehicle body and trailer manufacturing .....                                   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211             | Motor vehicle body manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code     | Geographic area and industry                                       | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|----------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>CENTRE</b>  |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33          | Manufacturing .....  | 2              | 159                             | 58                        | 6 350               | 231 187           | 4 245               | 8 491         | 128 266         | 584 717               | 549 269                           | 1 154 084                          | 42 096                               |
| 323            | Printing and related support activities .....                      | -              | 11                              | 5                         | 550                 | 16 223            | 468                 | 866           | 11 432          | 62 734                | 13 167                            | 76 272                             | 1 031                                |
| 3231           | Printing and related support activities .....                      | -              | 11                              | 5                         | 550                 | 16 223            | 468                 | 866           | 11 432          | 62 734                | 13 167                            | 76 272                             | 1 031                                |
| 32311          | Printing .....   | -              | 11                              | 5                         | 550                 | 16 223            | 468                 | 866           | 11 432          | 62 734                | 13 167                            | 76 272                             | 1 031                                |
| 327            | Nonmetallic mineral product manufacturing .....                    | 2              | 12                              | 8                         | 1 296               | 51 612            | 988                 | 2 267         | 36 336          | 121 634               | 80 021                            | 204 734                            | D                                    |
| 3272           | Glass and glass product manufacturing .....                        | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721          | Glass and glass product manufacturing .....                        | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212         | Other pressed and blown glass and glassware manufacturing .....    | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331            | Primary metal manufacturing .....                                  | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314           | Nonferrous metal (except aluminum) production and processing ..... | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33142          | Copper rolling, drawing, extruding, and alloying .....             | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331421         | Copper rolling, drawing, and extruding .....                       | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333            | Machinery manufacturing .....                                      | -              | 9                               | 5                         | 512                 | 18 627            | 246                 | 472           | 7 589           | 42 835                | 21 609                            | 66 539                             | 4 623                                |
| 334            | Computer and electronic product manufacturing .....                | -              | 31                              | 15                        | 1 394               | 55 240            | 734                 | 1 332         | 20 257          | 137 155               | 180 652                           | 330 524                            | 4 797                                |
| 3344           | Semiconductor and other electronic component manufacturing .....   | -              | 14                              | 7                         | 784                 | 27 345            | 440                 | 827           | 11 225          | 69 610                | 130 162                           | 212 116                            | 2 067                                |
| 33441          | Semiconductor and other electronic component manufacturing .....   | -              | 14                              | 7                         | 784                 | 27 345            | 440                 | 827           | 11 225          | 69 610                | 130 162                           | 212 116                            | 2 067                                |
| <b>CHESTER</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33          | Manufacturing .....  | 3              | 627                             | 211                       | 21 440              | 920 940           | 14 333              | 28 734        | 486 681         | 2 592 519             | 2 340 991                         | 4 922 412                          | 147 133                              |
| 311            | Food manufacturing .....   | -              | 36                              | 10                        | 1 335               | 43 230            | 1 088               | 2 047         | 32 540          | 290 491               | 222 440                           | 513 989                            | 7 664                                |
| 3118           | Bakeries and tortilla manufacturing .....                          | -              | 15                              | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181          | Bread and bakery product manufacturing .....                       | -              | 15                              | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313            | Textile mills .....  | -              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 208                                |
| 3132           | Fabric mills .....   | -              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31322          | Narrow fabric mills and schiffli machine embroidery .....          | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313221         | Narrow fabric mills .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322            | Paper manufacturing .....  | -              | 18                              | 13                        | 1 494               | 71 349            | 1 084               | 2 422         | 47 615          | 174 015               | 208 474                           | 375 002                            | 11 742                               |
| 3222           | Converted paper product manufacturing .....                        | -              | 14                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221          | Paperboard container manufacturing .....                           | 1              | 7                               | 4                         | 522                 | 23 106            | 442                 | 1 006         | 17 437          | 60 639                | 67 821                            | 127 420                            | 6 969                                |
| 32223          | Stationery product manufacturing .....                             | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322232         | Envelope manufacturing .....                                       | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323            | Printing and related support activities .....                      | 2              | 72                              | 18                        | 1 780               | 74 656            | 1 240               | 2 386         | 47 638          | 159 134               | 127 859                           | 286 627                            | 7 561                                |
| 3231           | Printing and related support activities .....                      | 2              | 72                              | 18                        | 1 780               | 74 656            | 1 240               | 2 386         | 47 638          | 159 134               | 127 859                           | 286 627                            | 7 561                                |
| 32311          | Printing .....   | 1              | 69                              | 17                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110         | Commercial lithographic printing .....                             | 2              | 32                              | 12                        | 1 093               | 46 274            | 731                 | 1 416         | 26 440          | 87 440                | 45 637                            | 132 790                            | 5 126                                |
| 325            | Chemical manufacturing .....                                       | 2              | 39                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 17 616                               |
| 326            | Plastics and rubber products manufacturing .....                   | 1              | 27                              | 12                        | 917                 | 32 001            | 639                 | 1 421         | 20 791          | 74 438                | 78 401                            | 154 113                            | 5 874                                |
| 3261           | Plastics product manufacturing ..                                  | 1              | 25                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331            | Primary metal manufacturing .....                                  | -              | 9                               | 7                         | 1 597               | 83 676            | 1 117               | 2 318         | 53 020          | 214 609               | 240 446                           | 452 299                            | 7 161                                |
| 3311           | Iron and steel mills and ferroalloy manufacturing .....            | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111          | Iron and steel mills and ferroalloy manufacturing .....            | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111         | Iron and steel mills .....   | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code          | Geographic area and industry   | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|---------------------|--|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                     |  | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>CHESTER—Con.</b> |  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 332                 | Fabricated metal product manufacturing .....   | 2                               | 92    | 28                        | 1 986               | 76 917             | 1 451               | 2 917         | 49 696                | 176 998                           | 136 359                            | 319 966                              | 10 091          |
| 3323                | Architectural and structural metals manufacturing .....                              | 2                               | 21    | 7                         | 544                 | 19 859             | 433                 | 875           | 13 950                | 58 358                            | 53 642                             | 113 081                              | 1 797           |
| 3327                | Machine shops; turned product; and screw, nut, and bolt manufacturing .....          | 3                               | 37    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33271               | Machine shops .....  | 3                               | 35    | 6                         | 580                 | 24 208             | 424                 | 894           | 16 046                | 44 891                            | 22 470                             | 67 630                               | 1 662           |
| 332710              | Machine shops .....  | 3                               | 35    | 6                         | 580                 | 24 208             | 424                 | 894           | 16 046                | 44 891                            | 22 470                             | 67 630                               | 1 662           |
| 333                 | Machinery manufacturing .....  | 2                               | 63    | 24                        | 1 887               | 99 611             | 971                 | 1 813         | 33 922                | 197 678                           | 186 639                            | 388 091                              | 12 675          |
| 3333                | Commercial and service industry machinery manufacturing .....                        | —                               | 10    | 6                         | 623                 | 42 460             | 256                 | 442           | 9 484                 | 80 535                            | 87 920                             | 170 289                              | 7 088           |
| 33331               | Commercial and service industry machinery manufacturing .....                        | —                               | 10    | 6                         | 623                 | 42 460             | 256                 | 442           | 9 484                 | 80 535                            | 87 920                             | 170 289                              | 7 088           |
| 3339                | Other general purpose machinery manufacturing .....                                  | 3                               | 27    | 13                        | 826                 | 38 268             | 419                 | 821           | 14 817                | 78 900                            | 51 235                             | 131 932                              | D               |
| 33399               | All other general purpose machinery manufacturing .....                              | 3                               | 20    | 11                        | 735                 | 34 212             | 368                 | 715           | 13 002                | 71 163                            | 44 420                             | 117 336                              | 2 141           |
| 334                 | Computer and electronic product manufacturing .....                                  | 2                               | 42    | 11                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 18 329          |
| 3345                | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —                               | 21    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33451               | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —                               | 21    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335                 | Electrical equipment, appliance, and component manufacturing .....                   | 2                               | 21    | 8                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 571           |
| 336                 | Transportation equipment manufacturing .....   | 9                               | 13    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3363                | Motor vehicle parts manufacturing .....  | 9                               | 8     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33639               | Other motor vehicle parts manufacturing .....  | 9                               | 3     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336399              | All other motor vehicle parts manufacturing .....                                    | 9                               | 2     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337                 | Furniture and related product manufacturing .....                                    | 7                               | 46    | 12                        | 1 907               | 52 660             | 1 533               | 3 069         | 37 063                | 89 768                            | 94 332                             | 190 988                              | 4 991           |
| 3371                | Household and institutional furniture and kitchen cabinet manufacturing .....        | 7                               | 37    | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 4 671           |
| 33712               | Household and institutional furniture manufacturing .....                            | 9                               | 18    | 2                         | 1 362               | 35 054             | 1 130               | 2 218         | 26 071                | 60 429                            | 68 907                             | 136 084                              | 3 817           |
| 337124              | Metal household furniture manufacturing .....  | 9                               | 1     | 1                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339                 | Miscellaneous manufacturing .....  | 7                               | 62    | 16                        | 2 560               | 129 443            | 1 429               | 2 782         | 49 471                | 459 901                           | 130 440                            | 592 111                              | 15 053          |
| 3391                | Medical equipment and supplies manufacturing .....                                   | 8                               | 24    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33911               | Medical equipment and supplies manufacturing .....                                   | 8                               | 24    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 339112              | Surgical and medical instrument manufacturing .....                                  | 9                               | 15    | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3399                | Other miscellaneous manufacturing .....  | 1                               | 38    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| <b>CLARION</b>      |  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33               | Manufacturing .....  | —                               | 51    | 23                        | 2 718               | 87 199             | 2 247               | 4 386         | 64 601                | 240 183                           | 264 439                            | 499 998                              | 12 904          |
| 321                 | Wood product manufacturing .....   | —                               | 19    | 11                        | 1 425               | 44 245             | 1 175               | 2 299         | 31 942                | 103 098                           | 139 401                            | 241 792                              | 3 448           |
| 3219                | Other wood product manufacturing .....   | —                               | 12    | 10                        | 1 310               | 41 141             | 1 074               | 2 085         | 29 343                | 96 074                            | 121 001                            | 215 913                              | D               |
| 32199               | All other wood product manufacturing .....   | —                               | 7     | 7                         | 1 170               | 38 380             | 949                 | 1 825         | 27 159                | 90 501                            | 111 995                            | 201 488                              | D               |
| 321991              | Manufactured home (mobile home) manufacturing .....                                  | —                               | 4     | 4                         | 759                 | 26 970             | 606                 | 1 111         | 19 017                | 65 801                            | 80 158                             | 145 136                              | 435             |
| <b>CLEARFIELD</b>   |  |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33               | Manufacturing .....  | 1                               | 110   | 39                        | 3 498               | 103 219            | 2 684               | 5 191         | 69 670                | 223 518                           | 397 671                            | 626 893                              | 10 251          |
| 332                 | Fabricated metal product manufacturing .....   | —                               | 19    | 6                         | 644                 | 22 388             | 433                 | 838           | 14 327                | 37 868                            | 35 417                             | 76 783                               | 2 608           |

See footnotes at end of table.

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[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

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|-----------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                 |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>CLINTON</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33           | Manufacturing .....   | -  | 45                              | 16                        | 2 217               | 74 316            | 1 606               | 3 212         | 52 965          | 304 970               | 318 315                           | 633 511                            | 26 640                               |
| 322             | Paper manufacturing .....   | -  | 4                               | 4                         | 734                 | 27 996            | 424                 | 958           | 20 394          | 159 757               | 139 742                           | 313 001                            | D                                    |
| 3222            | Converted paper product manufacturing .....                                 | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229           | Other converted paper product manufacturing .....                           | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291          | Sanitary paper product manufacturing .....                                  | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>COLUMBIA</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33           | Manufacturing .....   | 1  | 101                             | 36                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311             | Food manufacturing .....  | -  | 13                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119            | Other food manufacturing .....  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191           | Snack food manufacturing .....  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919          | Other snack food manufacturing .....  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313             | Textile mills .....   | -  | 8                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132            | Fabric mills .....  | -  | 5                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31323           | Nonwoven fabric mills .....   | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313230          | Nonwoven fabric mills .....   | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314             | Textile product mills .....   | -  | 5                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141            | Textile furnishings mills .....   | -  | 5                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31411           | Carpet and rug mills .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314110          | Carpet and rug mills .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315             | Apparel manufacturing .....   | -  | 4                               | 3                         | 571                 | 12 289            | 429                 | 813           | 8 225           | 23 159                | 39 611                            | 63 635                             | D                                    |
| 321             | Wood product manufacturing .....  | -  | 8                               | 3                         | 681                 | 18 084            | 538                 | 826           | 11 609          | 31 744                | 28 340                            | 59 669                             | 1 882                                |
| 3219            | Other wood product manufacturing .....                                      | -  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332             | Fabricated metal product manufacturing .....                                | 4  | 17                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323            | Architectural and structural metals manufacturing .....                     | -  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232           | Ornamental and architectural metal products manufacturing .....             | -  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332321          | Metal window and door manufacturing .....                                   | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CRAWFORD</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33           | Manufacturing .....   | 1  | 323                             | 92                        | 7 499               | 274 660           | 5 568               | 10 832        | 173 610         | 735 735               | 522 151                           | 1 259 068                          | 68 310                               |
| 321             | Wood product manufacturing .....  | 2  | 29                              | 9                         | 569                 | 18 881            | 481                 | 1 045         | 14 449          | 40 968                | 86 103                            | 123 651                            | 2 138                                |
| 326             | Plastics and rubber products manufacturing .....                            | 1  | 19                              | 11                        | 1 236               | 40 684            | 1 011               | 1 938         | 28 298          | 112 467               | 106 787                           | 217 486                            | 6 619                                |
| 3261            | Plastics product manufacturing ..   | 2  | 16                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619           | Other plastics product manufacturing .....                                  | 3  | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 738                                |
| 326199          | All other plastics product manufacturing .....                              | 3  | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 738                                |
| 332             | Fabricated metal product manufacturing .....                                | -  | 87                              | 23                        | 2 154               | 71 696            | 1 606               | 3 007         | 45 564          | 175 927               | 118 527                           | 296 530                            | 7 876                                |
| 3322            | Cutlery and handtool manufacturing .....                                    | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33221           | Cutlery and handtool manufacturing .....                                    | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332212          | Hand and edge tool manufacturing .....                                      | -  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327            | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 1  | 47                              | 7                         | 703                 | 24 434            | 546                 | 1 089         | 17 743          | 58 146                | 23 913                            | 81 929                             | 2 154                                |
| 333             | Machinery manufacturing .....   | 2  | 108                             | 31                        | 1 716               | 73 851            | 1 166               | 2 265         | 43 405          | 137 318               | 45 817                            | 187 728                            | 8 671                                |
| 3335            | Metalworking machinery manufacturing .....                                  | 2  | 98                              | 29                        | 1 525               | 66 410            | 1 065               | 2 075         | 40 779          | 121 285               | 37 537                            | 163 274                            | 8 402                                |
| 33351           | Metalworking machinery manufacturing .....                                  | 2  | 98                              | 29                        | 1 525               | 66 410            | 1 065               | 2 075         | 40 779          | 121 285               | 37 537                            | 163 274                            | 8 402                                |
| 333511          | Industrial mold manufacturing .....   | 1  | 27                              | 11                        | 522                 | 22 569            | 393                 | 762           | 15 094          | 37 295                | 11 780                            | 49 772                             | 1 802                                |
| 333514          | Special die and tool, die set, jig, and fixture manufacturing .....         | 3  | 49                              | 14                        | 621                 | 24 512            | 476                 | 906           | 16 958          | 44 954                | 16 390                            | 64 251                             | 1 748                                |

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|-------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                   |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>CUMBERLAND</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....  | 1  | 207                             | 74                        | 10 063              | 362 586           | 7 052               | 14 600        | 234 661         | 1 084 088             | 1 368 972                         | 2 451 587                          | 54 055                               |
| 311               | Food manufacturing .....   | —  | 28                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313               | Textile mills .....  | 9  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132              | Fabric mills .....   | 9  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314               | Textile product mills .....                                      | —  | 8                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141              | Textile furnishings mills .....                                  | —  | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31411             | Carpet and rug mills .....                                       | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314110            | Carpet and rug mills .....                                       | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322               | Paper manufacturing .....  | —  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323               | Printing and related support activities .....                    | —  | 37                              | 6                         | 1 684               | 60 533            | 1 189               | 2 691         | 44 015          | 136 049               | 65 942                            | 203 558                            | 5 242                                |
| 3231              | Printing and related support activities .....                    | —  | 37                              | 6                         | 1 684               | 60 533            | 1 189               | 2 691         | 44 015          | 136 049               | 65 942                            | 203 558                            | 5 242                                |
| 32311             | Printing .....   | —  | 35                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110            | Commercial lithographic printing .....                           | —  | 11                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 861                                |
| 326               | Plastics and rubber products manufacturing .....                 | 5  | 7                               | 7                         | 1 492               | 52 459            | 972                 | 1 987         | 31 029          | 155 587               | 243 952                           | 399 973                            | 14 443                               |
| 3262              | Rubber product manufacturing .....                               | 7  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32621             | Tire manufacturing .....   | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326211            | Tire manufacturing (except retreading) .....                     | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629             | Other rubber product manufacturing .....                         | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299            | All other rubber product manufacturing .....                     | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327               | Nonmetallic mineral product manufacturing .....                  | —  | 8                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272              | Glass and glass product manufacturing .....                      | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721             | Glass and glass product manufacturing .....                      | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327211            | Flat glass manufacturing .....                                   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332               | Fabricated metal product manufacturing .....                     | —  | 28                              | 10                        | 606                 | 21 264            | 465                 | 905           | 13 952          | 61 155                | 31 627                            | 96 854                             | 2 821                                |
| 334               | Computer and electronic product manufacturing .....              | 1  | 16                              | 9                         | 876                 | 30 755            | 488                 | 883           | 13 733          | 68 196                | 40 346                            | 106 934                            | D                                    |
| 3344              | Semiconductor and other electronic component manufacturing ..... | 1  | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441             | Semiconductor and other electronic component manufacturing ..... | 1  | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>DAUPHIN</b>    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....  | —  | 222                             | 73                        | 10 940              | 436 918           | 8 912               | 17 985        | 342 644         | 1 662 779             | 1 339 094                         | 3 025 687                          | 58 575                               |
| 311               | Food manufacturing .....   | —  | 20                              | 10                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113              | Sugar and confectionery product manufacturing .....              | —  | 5                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31132             | Chocolate and confectionery manufacturing from cacao beans ..... | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311320            | Chocolate and confectionery manufacturing from cacao beans ..... | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133             | Confectionery manufacturing from purchased chocolate .....       | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311330            | Confectionery manufacturing from purchased chocolate .....       | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119              | Other food manufacturing .....                                   | 2  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31199             | All other food manufacturing .....                               | 2  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311991            | Perishable prepared food manufacturing .....                     | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323               | Printing and related support activities .....                    | —  | 35                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231              | Printing and related support activities .....                    | —  | 35                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311             | Printing .....   | —  | 31                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326               | Plastics and rubber products manufacturing .....                 | —  | 13                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261              | Plastics product manufacturing .....                             | —  | 10                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619             | Other plastics product manufacturing .....                       | —  | 8                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199            | All other plastics product manufacturing .....                   | —  | 8                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|---------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                     |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>DAUPHIN—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 331                 | Primary metal manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311                | Iron and steel mills and ferroalloy manufacturing .....                     | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111               | Iron and steel mills and ferroalloy manufacturing .....                     | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111              | Iron and steel mills .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                 | Fabricated metal product manufacturing .....                                | —  | 29                              | 7                         | 785                 | 28 676            | 571                 | 1 167         | 18 662          | 71 697                | 72 157                            | 149 392                            | 1 578                                |
| 333                 | Machinery manufacturing .....   | 1  | 19                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3335                | Metalworking machinery manufacturing .....                                  | 2  | 12                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33351               | Metalworking machinery manufacturing .....                                  | 2  | 12                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>DELAWARE</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1  | 466                             | 124                       | 17 695              | 946 191           | 11 096              | 23 454        | 440 715         | 2 529 833             | 6 535 898                         | 9 165 883                          | 129 875                              |
| 311                 | Food manufacturing .....  | 1  | 41                              | 8                         | 1 186               | 40 002            | 892                 | 1 617         | 28 096          | 70 576                | 126 931                           | 202 966                            | 6 889                                |
| 322                 | Paper manufacturing .....   | —  | 9                               | 6                         | 1 415               | 83 263            | 1 154               | 2 507         | 66 508          | 401 191               | 407 104                           | 814 586                            | 11 444                               |
| 3221                | Pulp, paper, and paperboard mills .....                                     | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212               | Paper mills .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121              | Paper (except newsprint) mills .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323                 | Printing and related support activities .....                               | 6  | 70                              | 6                         | 514                 | 19 715            | 381                 | 737           | 14 108          | 57 594                | 47 811                            | 105 597                            | 1 019                                |
| 3231                | Printing and related support activities .....                               | 6  | 70                              | 6                         | 514                 | 19 715            | 381                 | 737           | 14 108          | 57 594                | 47 811                            | 105 597                            | 1 019                                |
| 324                 | Petroleum and coal products manufacturing .....                             | —  | 10                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 52 992                               |
| 3241                | Petroleum and coal products manufacturing .....                             | —  | 10                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 52 992                               |
| 32411               | Petroleum refineries .....  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110              | Petroleum refineries .....  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                 | Chemical manufacturing .....  | 1  | 32                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 14 671                               |
| 3254                | Pharmaceutical and medicine manufacturing .....                             | —  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541               | Pharmaceutical and medicine manufacturing .....                             | —  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412              | Pharmaceutical preparation manufacturing .....                              | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                 | Plastics and rubber products manufacturing .....                            | 1  | 17                              | 7                         | 869                 | 41 310            | 480                 | 1 062         | 18 386          | 184 587               | 82 491                            | 266 138                            | 6 584                                |
| 3261                | Plastics product manufacturing ..   | 1  | 15                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                 | Fabricated metal product manufacturing .....                                | 2  | 82                              | 21                        | 2 019               | 89 982            | 1 537               | 3 174         | 62 172          | 175 961               | 111 723                           | 286 897                            | 6 297                                |
| 3327                | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 1  | 42                              | 7                         | 903                 | 41 194            | 738                 | 1 564         | 31 618          | 91 587                | 32 240                            | 122 598                            | 1 691                                |
| 33272               | Turned product and screw, nut, and bolt manufacturing .....                 | —  | 6                               | 4                         | 634                 | 29 763            | 528                 | 1 164         | 23 806          | 69 848                | 24 742                            | 93 405                             | 910                                  |
| 333                 | Machinery manufacturing .....   | 3  | 28                              | 10                        | 519                 | 22 862            | 304                 | 647           | 11 830          | 55 888                | 34 552                            | 91 622                             | 1 132                                |
| 334                 | Computer and electronic product manufacturing .....                         | 1  | 22                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 483                                |
| 336                 | Transportation equipment manufacturing .....                                | 8  | 14                              | 7                         | 5 294               | 349 290           | 2 952               | 6 851         | 98 218          | 211 733               | 857 915                           | 1 224 913                          | D                                    |
| 3364                | Aerospace product and parts manufacturing .....                             | 9  | 5                               | 5                         | 5 106               | 342 194           | 2 799               | 6 525         | 93 769          | 198 642               | 840 968                           | 1 194 840                          | D                                    |
| 33641               | Aerospace product and parts manufacturing .....                             | 9  | 5                               | 5                         | 5 106               | 342 194           | 2 799               | 6 525         | 93 769          | 198 642               | 840 968                           | 1 194 840                          | D                                    |
| 336411              | Aircraft manufacturing .....  | 9  | 2                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                 | Miscellaneous manufacturing .....   | 4  | 56                              | 9                         | 971                 | 42 357            | 552                 | 1 029         | 19 025          | 114 422               | 51 719                            | 164 821                            | 3 338                                |
| 3391                | Medical equipment and supplies manufacturing .....                          | 8  | 29                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911               | Medical equipment and supplies manufacturing .....                          | 8  | 29                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code  | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|             |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ELK</b>  |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33       | Manufacturing .....   | 1              | 142                             | 51                        | 6 434               | 239 031           | 4 965               | 9 948         | 166 915         | 716 145               | 494 968                           | 1 189 124                          | 47 484                               |
| 322         | Paper manufacturing .....   | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332         | Fabricated metal product manufacturing .....                                | 1              | 66                              | 19                        | 2 941               | 98 403            | 2 420               | 4 740         | 71 655          | 220 820               | 131 677                           | 355 973                            | 19 827                               |
| 3321        | Forging and stamping.....   | 1              | 17                              | 12                        | 2 480               | 83 574            | 2 067               | 4 123         | 62 726          | 188 243               | 119 981                           | 311 784                            | 17 621                               |
| 33211       | Forging and stamping.....   | 1              | 17                              | 12                        | 2 480               | 83 574            | 2 067               | 4 123         | 62 726          | 188 243               | 119 981                           | 311 784                            | 17 621                               |
| 332117      | Powder metallurgy part manufacturing .....                                  | —              | 15                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333         | Machinery manufacturing .....   | 1              | 26                              | 7                         | 531                 | 19 670            | 398                 | 741           | 13 790          | 43 628                | 21 822                            | 65 406                             | 1 803                                |
| 335         | Electrical equipment, appliance, and component manufacturing .....          | 2              | 8                               | 8                         | 1 385               | 61 020            | 1 047               | 2 294         | 42 128          | 259 622               | 144 830                           | 379 293                            | D                                    |
| 3359        | Other electrical equipment and component manufacturing .....                | 4              | 7                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33599       | All other electrical equipment and component manufacturing .....            | 4              | 6                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335991      | Carbon and graphite product manufacturing .....                             | 4              | 6                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>ERIE</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33       | Manufacturing .....   | —              | 584                             | 217                       | 27 960              | 1 097 658         | 20 414              | 40 361        | 683 492         | 2 873 649             | 2 567 439                         | 5 550 992                          | 139 403                              |
| 311         | Food manufacturing .....  | 2              | 28                              | 10                        | 1 401               | 39 030            | 1 034               | 2 356         | 23 329          | 149 622               | 182 829                           | 333 085                            | 13 592                               |
| 326         | Plastics and rubber products manufacturing .....                            | —              | 62                              | 41                        | 5 922               | 184 904           | 4 866               | 10 326        | 134 809         | 485 972               | 383 452                           | 868 039                            | 25 407                               |
| 3261        | Plastics product manufacturing ..   | —              | 57                              | 37                        | 5 410               | 164 562           | 4 481               | 9 567         | 120 754         | 416 783               | 353 537                           | 768 034                            | 24 574                               |
| 32619       | Other plastics product manufacturing .....                                  | —              | 48                              | 33                        | 5 027               | 151 590           | 4 179               | 8 974         | 111 233         | 378 067               | 296 149                           | 672 008                            | 21 536                               |
| 326199      | All other plastics product manufacturing .....                              | —              | 48                              | 33                        | 5 027               | 151 590           | 4 179               | 8 974         | 111 233         | 378 067               | 296 149                           | 672 008                            | 21 536                               |
| 3262        | Rubber product manufacturing ...  | —              | 5                               | 4                         | 512                 | 20 342            | 385                 | 759           | 14 055          | 69 189                | 29 915                            | 100 005                            | 833                                  |
| 331         | Primary metal manufacturing .....   | 1              | 15                              | 9                         | 909                 | 31 660            | 765                 | 1 437         | 23 981          | 78 179                | 64 510                            | 144 890                            | 1 912                                |
| 3315        | Foundries .....   | 1              | 11                              | 7                         | 772                 | 26 997            | 658                 | 1 265         | 20 743          | 58 786                | 54 501                            | 113 651                            | 1 716                                |
| 33152       | Nonferrous metal foundries ....   | 1              | 8                               | 5                         | 601                 | 20 221            | 530                 | 1 008         | 16 042          | 43 009                | 42 929                            | 86 517                             | 1 258                                |
| 332         | Fabricated metal product manufacturing .....                                | 1              | 168                             | 57                        | 5 203               | 185 762           | 3 852               | 7 447         | 118 703         | 432 757               | 295 014                           | 753 846                            | 19 671                               |
| 3321        | Forging and stamping.....   | 3              | 14                              | 8                         | 877                 | 30 387            | 662                 | 1 355         | 20 044          | 66 963                | 67 048                            | 134 660                            | 2 368                                |
| 33211       | Forging and stamping.....   | 3              | 14                              | 8                         | 877                 | 30 387            | 662                 | 1 355         | 20 044          | 66 963                | 67 048                            | 134 660                            | 2 368                                |
| 3323        | Architectural and structural metals manufacturing .....                     | 1              | 23                              | 12                        | 885                 | 31 320            | 632                 | 1 136         | 17 946          | 67 982                | 43 875                            | 113 444                            | 2 520                                |
| 33231       | Plate work and fabricated structural product manufacturing .....            | —              | 11                              | 6                         | 573                 | 21 760            | 406                 | 810           | 12 445          | 50 782                | 32 481                            | 84 509                             | 1 775                                |
| 3327        | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 2              | 66                              | 15                        | 1 375               | 45 543            | 1 087               | 2 152         | 31 406          | 96 621                | 55 027                            | 151 571                            | 7 293                                |
| 33271       | Machine shops .....   | —              | 51                              | 8                         | 964                 | 32 001            | 771                 | 1 529         | 21 720          | 67 487                | 40 618                            | 107 742                            | 4 478                                |
| 332710      | Machine shops .....   | —              | 51                              | 8                         | 964                 | 32 001            | 771                 | 1 529         | 21 720          | 67 487                | 40 618                            | 107 742                            | 4 478                                |
| 3329        | Other fabricated metal product manufacturing .....                          | —              | 32                              | 12                        | 1 067               | 40 223            | 698                 | 1 385         | 22 714          | 126 156               | 75 118                            | 225 130                            | 3 899                                |
| 33291       | Metal valve manufacturing ....  | —              | 16                              | 8                         | 813                 | 31 218            | 495                 | 965           | 16 488          | 110 706               | 69 701                            | 204 166                            | 1 846                                |
| 333         | Machinery manufacturing .....   | 2              | 112                             | 35                        | 2 709               | 120 048           | 1 838               | 3 672         | 70 096          | 220 935               | 121 966                           | 347 993                            | 9 092                                |
| 3335        | Metalworking machinery manufacturing .....                                  | 2              | 75                              | 21                        | 1 398               | 66 464            | 1 036               | 2 037         | 45 555          | 116 701               | 62 361                            | 180 530                            | 5 914                                |
| 33351       | Metalworking machinery manufacturing .....                                  | 2              | 75                              | 21                        | 1 398               | 66 464            | 1 036               | 2 037         | 45 555          | 116 701               | 62 361                            | 180 530                            | 5 914                                |
| 333511      | Industrial mold manufacturing .....   | —              | 43                              | 14                        | 731                 | 34 880            | 605                 | 1 221         | 28 035          | 64 740                | 24 448                            | 91 183                             | 3 729                                |
| 3339        | Other general purpose machinery manufacturing .....                         | 1              | 17                              | 9                         | 749                 | 28 381            | 414                 | 874           | 12 011          | 53 328                | 33 115                            | 87 069                             | 1 419                                |
| 33399       | All other general purpose machinery manufacturing ....                      | —              | 11                              | 6                         | 540                 | 21 068            | 310                 | 647           | 9 084           | 39 660                | 26 792                            | 67 048                             | 1 238                                |
| 334         | Computer and electronic product manufacturing .....                         | 1              | 23                              | 12                        | 1 108               | 41 410            | 607                 | 1 118         | 17 351          | 78 903                | 69 020                            | 156 632                            | 7 264                                |
| 3344        | Semiconductor and other electronic component manufacturing .....            | 3              | 13                              | 8                         | 610                 | 17 099            | 388                 | 787           | 7 987           | 31 068                | 32 625                            | 68 932                             | 5 678                                |
| 33441       | Semiconductor and other electronic component manufacturing .....            | 3              | 13                              | 8                         | 610                 | 17 099            | 388                 | 787           | 7 987           | 31 068                | 32 625                            | 68 932                             | 5 678                                |
| 335         | Electrical equipment, appliance, and component manufacturing .....          | 1              | 17                              | 7                         | 825                 | 28 031            | 622                 | 1 236         | 18 813          | 70 398                | 35 144                            | 106 325                            | 1 469                                |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code       | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                  |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ERIE—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336              | Transportation equipment manufacturing .....   | -              | 10                              | 4                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365             | Railroad rolling stock manufacturing .....   | -              | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651            | Railroad rolling stock manufacturing .....   | -              | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510           | Railroad rolling stock manufacturing .....   | -              | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337              | Furniture and related product manufacturing .....                                    | 1              | 18                              | 5                         | 517                 | 15 898            | 407                 | 781           | 10 637          | 25 857                | 23 692                            | 49 539                             | 534                                  |
| 339              | Miscellaneous manufacturing .....  | -              | '39                             | '14                       | '1 712              | '69 615           | '1 096              | '2 297        | '32 998         | '159 462              | '97 935                           | '260 733                           | '8 539                               |
| 3391             | Medical equipment and supplies manufacturing .....                                   | -              | 13                              | 3                         | 903                 | 46 097            | 482                 | 1 021         | 18 963          | 117 823               | 54 798                            | 175 296                            | D                                    |
| 33911            | Medical equipment and supplies manufacturing .....                                   | -              | 13                              | 3                         | 903                 | 46 097            | 482                 | 1 021         | 18 963          | 117 823               | 54 798                            | 175 296                            | D                                    |
| 339113           | Surgical appliance and supplies manufacturing .....                                  | -              | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399             | Other miscellaneous manufacturing .....  | 1              | '26                             | '11                       | '809                | '23 518           | '614                | '1 276        | '14 035         | '41 639               | '43 137                           | '85 437                            | D                                    |
| <b>FAYETTE</b>   |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33            | Manufacturing .....  | 1              | 135                             | 35                        | 3 396               | 119 278           | 2 541               | 5 028         | 74 540          | 263 593               | 502 294                           | 767 793                            | 38 901                               |
| 332              | Fabricated metal product manufacturing .....   | 1              | 19                              | 6                         | 529                 | 18 301            | 442                 | 918           | 14 186          | 44 945                | 63 265                            | 108 299                            | 11 567                               |
| 334              | Computer and electronic product manufacturing .....                                  | -              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345             | Navigational, measuring, electromedical, and control instruments manufacturing ..... | -              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451            | Navigational, measuring, electromedical, and control instruments manufacturing ...   | -              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334514           | Totalizing fluid meter and counting device manufacturing .....                       | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>FRANKLIN</b>  |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33            | Manufacturing .....  | -              | 207                             | 63                        | 9 620               | 335 030           | 6 518               | 12 178        | 179 476         | 947 304               | 1 190 848                         | 2 165 228                          | 44 505                               |
| 311              | Food manufacturing .....   | -              | 17                              | 6                         | 1 048               | 29 676            | 842                 | 1 722         | 22 357          | 189 334               | 129 881                           | 318 884                            | 2 874                                |
| 3119             | Other food manufacturing .....   | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 203                                |
| 321              | Wood product manufacturing .....   | 4              | 33                              | 6                         | 528                 | 12 564            | 415                 | 828           | 9 582           | 27 385                | 25 568                            | 51 392                             | 665                                  |
| 323              | Printing and related support activities .....  | -              | 15                              | 4                         | 613                 | 14 447            | 418                 | 431           | 7 396           | 20 913                | 15 521                            | 43 800                             | 810                                  |
| 3231             | Printing and related support activities .....  | -              | 15                              | 4                         | 613                 | 14 447            | 418                 | 431           | 7 396           | 20 913                | 15 521                            | 43 800                             | 810                                  |
| 32311            | Printing .....   | -              | 14                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110           | Commercial lithographic printing .....   | -              | 8                               | 2                         | 531                 | 12 038            | 348                 | 306           | 5 675           | 25 582                | 9 154                             | 34 699                             | 658                                  |
| 327              | Nonmetallic mineral product manufacturing .....                                      | -              | 15                              | 6                         | 1 470               | 44 639            | 1 077               | 2 068         | 28 485          | 226 609               | 381 449                           | 606 247                            | 18 839                               |
| 3272             | Glass and glass product manufacturing .....  | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721            | Glass and glass product manufacturing .....  | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215           | Glass product manufacturing made of purchased glass ..                               | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273             | Cement and concrete product manufacturing .....                                      | -              | 12                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332              | Fabricated metal product manufacturing .....   | 1              | 40                              | 12                        | 1 105               | 34 758            | 825                 | 1 512         | 21 688          | 81 255                | 70 510                            | 152 375                            | 6 687                                |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code           | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|----------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                      |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>FRANKLIN—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333                  | Machinery manufacturing .....   | —  | 20                              | 14                        | 3 246               | 147 632           | 1 722               | 3 359         | 59 422          | 274 433               | 391 233                           | 687 447                            | 5 817                                |
| 3331                 | Agriculture, construction, and mining machinery manufacturing .....   | —  | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33312                | Construction machinery manufacturing .....  | —  | 4                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 427                                |
| 333120               | Construction machinery manufacturing .....  | —  | 4                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 427                                |
| 3334                 | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341                | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333415               | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3335                 | Metalworking machinery manufacturing .....  | —  | 10                              | 6                         | 567                 | 26 801            | 318                 | 481           | 9 809           | 42 043                | 25 511                            | 84 220                             | 194                                  |
| 33351                | Metalworking machinery manufacturing .....  | —  | 10                              | 6                         | 567                 | 26 801            | 318                 | 481           | 9 809           | 42 043                | 25 511                            | 84 220                             | 194                                  |
| <b>FULTON</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                | Manufacturing .....   | —  | 19                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                  | Machinery manufacturing .....   | —  | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339                 | Other general purpose machinery manufacturing .....   | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392                | Material handling equipment manufacturing .....   | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333923               | Overhead traveling crane, hoist, and monorail system manufacturing .....  | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>GREENE</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                | Manufacturing .....   | 1  | 24                              | 7                         | 590                 | 15 750            | 503                 | 955           | 12 016          | 55 124                | 47 334                            | 101 681                            | 1 851                                |
| <b>HUNTINGDON</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                | Manufacturing .....   | 2  | 45                              | 13                        | 2 184               | 66 673            | 1 782               | 3 381         | 45 652          | 228 274               | 219 139                           | 460 074                            | 30 930                               |
| <b>INDIANA</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                | Manufacturing .....   | —  | 105                             | 26                        | 3 392               | 117 328           | 2 482               | 4 884         | 78 171          | 276 921               | 213 322                           | 492 693                            | 9 887                                |
| 326                  | Plastics and rubber products manufacturing .....  | —  | 5                               | 2                         | 734                 | 18 342            | 564                 | 1 177         | 12 753          | 38 380                | 33 564                            | 71 402                             | 1 373                                |
| 332                  | Fabricated metal product manufacturing .....  | —  | 21                              | 5                         | 553                 | 17 800            | 409                 | 790           | 11 529          | 32 489                | 30 673                            | 65 403                             | 1 162                                |
| <b>JEFFERSON</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                | Manufacturing .....   | 1  | 91                              | 37                        | 3 986               | 129 962           | 3 194               | 6 496         | 93 793          | 335 906               | 294 308                           | 628 741                            | 53 875                               |
| 321                  | Wood product manufacturing .....  | 6  | 18                              | 4                         | 521                 | 12 974            | 444                 | 920           | 8 762           | 36 910                | 52 425                            | 90 209                             | 1 826                                |
| 332                  | Fabricated metal product manufacturing .....  | —  | 24                              | 11                        | 1 153               | 39 289            | 833                 | 1 766         | 25 854          | 68 173                | 77 749                            | 145 337                            | 5 522                                |
| 333                  | Machinery manufacturing .....   | 1  | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 541                                |
| <b>JUNIATA</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                | Manufacturing .....   | —  | 51                              | 14                        | 2 153               | 61 070            | 1 836               | 3 389         | 47 741          | 157 014               | 158 613                           | 315 438                            | 3 510                                |
| 311                  | Food manufacturing .....  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 069                                |
| 3116                 | Animal slaughtering and processing .....  | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161                | Animal slaughtering and processing .....  | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615               | Poultry processing .....  | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                  | Furniture and related product manufacturing .....   | —  | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371                 | Household and institutional furniture and kitchen cabinet manufacturing .....   | —  | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711                | Wood kitchen cabinet and countertop manufacturing .....   | —  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110               | Wood kitchen cabinet and countertop manufacturing .....   | —  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code        | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LACKAWANNA</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | 1  | 293                             | 118                       | j                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311               | Food manufacturing .....  | 5  | 39                              | 14                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113              | Sugar and confectionery product manufacturing .....                             | 7  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116              | Animal slaughtering and processing .....  | 4  | 10                              | 5                         |                     | 522               | 14 190              | 433           | 767             | 9 471                 | 37 022                            | 61 366                             | 99 248                               |
| 31161             | Animal slaughtering and processing .....  | 4  | 10                              | 5                         |                     | 522               | 14 190              | 433           | 767             | 9 471                 | 37 022                            | 61 366                             | 99 248                               |
| 315               | Apparel manufacturing .....   | 3  | 15                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152              | Cut and sew apparel manufacturing .....   | 5  | 13                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321               | Wood product manufacturing .....  | 3  | 16                              | 8                         |                     | 828               | 21 072              | 666           | 1 129           | 13 288                | 44 572                            | 48 072                             | 92 998                               |
| 3219              | Other wood product manufacturing .....  | 3  | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199             | All other wood product manufacturing .....                                      | 2  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321992            | Prefabricated wood building manufacturing .....                                 | 2  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323               | Printing and related support activities .....                                   | 1  | 33                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231              | Printing and related support activities .....                                   | 1  | 33                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311             | Printing .....  | 1  | 31                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110            | Commercial lithographic printing .....  | 1  | 15                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326               | Plastics and rubber products manufacturing .....                                | 1  | 18                              | 11                        |                     | 969               | 36 655              | 724           | 1 536           | 24 578                | 107 899                           | 155 659                            | 265 194                              |
| 3261              | Plastics product manufacturing ..   | 1  | 17                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611             | Plastics packaging materials and unlaminated film and sheet manufacturing ..... | 2  | 9                               | 6                         |                     | 543               | 20 950              | 415           | 907             | 13 671                | 60 583                            | 96 825                             | 159 985                              |
| 326113            | Unlaminated plastics film and sheet (except packaging) manufacturing .....      | 2  | 8                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332               | Fabricated metal product manufacturing .....                                    | 1  | 46                              | 17                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 884                                |
| 3323              | Architectural and structural metals manufacturing .....                         | 1  | 15                              | 8                         |                     | 503               | 20 639              | 264           | 578             | 7 758                 | 46 225                            | 33 690                             | 80 035                               |
| 334               | Computer and electronic product manufacturing .....                             | -  | 4                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3346              | Manufacturing and reproducing magnetic and optical media .....                  | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33461             | Manufacturing and reproducing magnetic and optical media ..                     | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334612            | Prerecorded compact disc (except software), tape, and record reproducing .....  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339               | Miscellaneous manufacturing .....   | -  | 29                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391              | Medical equipment and supplies manufacturing .....                              | -  | 13                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911             | Medical equipment and supplies manufacturing .....                              | -  | 13                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339113            | Surgical appliance and supplies manufacturing .....                             | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>LANCASTER</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | -  | 988                             | 340                       |                     | 47 821            | 1 782 863           | 35 979        | 71 544          | 1 172 278             | 6 541 146                         | 5 363 759                          | 11 871 514                           |
| 311               | Food manufacturing .....  | -  | 122                             | 47                        |                     | 8 636             | 310 854             | 6 466         | 12 797          | 212 402               | 1 765 966                         | 1 484 308                          | 3 236 294                            |
| 3112              | Grain and oilseed milling .....   | -  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113              | Sugar and confectionery product manufacturing .....                             | -  | 12                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 9 006                                |
| 31132             | Chocolate and confectionery manufacturing from cacao beans .....                | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311320            | Chocolate and confectionery manufacturing from cacao beans .....                | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31134             | Nonchocolate confectionery manufacturing .....                                  | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311340            | Nonchocolate confectionery manufacturing .....                                  | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code            | Geographic area and industry                                   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                       |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LANCASTER—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 311                   | Food manufacturing—Con.  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3115                  | Dairy product manufacturing . . . . .                          | —              | 8                               | 3                         | 1 163               | 37 751            | 709                 | 1 444         | 23 239          | 211 140               | 209 709                           | 413 949                            | 12 231                               |
| 31152                 | Ice cream and frozen dessert manufacturing . . . . .           | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311520                | Ice cream and frozen dessert manufacturing . . . . .           | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116                  | Animal slaughtering and processing . . . . .                   | —              | 13                              | 8                         | 1 732               | 48 576            | 1 450               | 2 890         | 34 275          | 114 205               | 222 342                           | 335 562                            | 9 888                                |
| 31161                 | Animal slaughtering and processing . . . . .                   | —              | 13                              | 8                         | 1 732               | 48 576            | 1 450               | 2 890         | 34 275          | 114 205               | 222 342                           | 335 562                            | 9 888                                |
| 311612                | Meat processed from carcasses . . . . .                        | —              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 331                                |
| 311615                | Poultry processing . . . . .                                   | —              | 3                               | 3                         | 1 136               | 25 629            | 1 038               | 1 957         | 21 649          | 50 869                | 167 246                           | 218 023                            | D                                    |
| 3118                  | Bakeries and tortilla manufacturing . . . . .                  | —              | 32                              | 8                         | 1 282               | 43 566            | 1 073               | 1 919         | 37 027          | 226 258               | 74 681                            | 300 447                            | 4 061                                |
| 31182                 | Cookie, cracker, and pasta manufacturing . . . . .             | —              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821                | Cookie and cracker manufacturing . . . . .                     | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119                  | Other food manufacturing . . . . .                             | 2              | 25                              | 13                        | 1 496               | 44 238            | 943                 | 1 795         | 20 374          | 157 002               | 198 128                           | 353 116                            | 4 067                                |
| 31191                 | Snack food manufacturing . . . . .                             | 6              | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 884                                |
| 311919                | Other snack food manufacturing . . . . .                       | 6              | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 884                                |
| 31199                 | All other food manufacturing . . . . .                         | —              | 10                              | 6                         | 817                 | 23 314            | 515                 | 926           | 10 564          | 77 232                | 145 226                           | 222 614                            | D                                    |
| 311999                | All other miscellaneous food manufacturing . . . . .           | —              | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 631                                |
| 315                   | Apparel manufacturing . . . . .                                | 1              | 31                              | 10                        | 1 388               | 34 307            | 1 147               | 2 207         | 24 772          | 113 779               | 155 325                           | 252 110                            | 6 377                                |
| 3152                  | Cut and sew apparel manufacturing . . . . .                    | 1              | 24                              | 5                         | 572                 | 13 595            | 493                 | 969           | 10 549          | 52 842                | 113 013                           | 152 564                            | 5 888                                |
| 3159                  | Apparel accessories and other apparel manufacturing . . . . .  | 1              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31599                 | Apparel accessories and other apparel manufacturing . . . . .  | 1              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315991                | Hat, cap, and millinery manufacturing . . . . .                | 1              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321                   | Wood product manufacturing . . . . .                           | 1              | 80                              | 18                        | 2 749               | 88 131            | 2 186               | 4 463         | 62 187          | 205 711               | 191 469                           | 396 692                            | 7 209                                |
| 3219                  | Other wood product manufacturing . . . . .                     | —              | 70                              | 14                        | 2 472               | 80 069            | 1 967               | 4 000         | 56 617          | 190 343               | 174 550                           | 364 630                            | 6 517                                |
| 32191                 | Millwork . . . . .   | —              | 25                              | 4                         | 1 295               | 41 584            | 1 029               | 2 257         | 29 072          | 95 953                | 63 165                            | 158 908                            | 4 623                                |
| 321911                | Wood window and door manufacturing . . . . .                   | —              | 7                               | 4                         | 1 206               | 39 033            | 954                 | 2 119         | 27 143          | 89 533                | 54 516                            | 144 089                            | 4 367                                |
| 32199                 | All other wood product manufacturing . . . . .                 | 1              | 37                              | 9                         | 1 092               | 35 933            | 863                 | 1 594         | 25 622          | 88 810                | 106 014                           | 194 769                            | 1 500                                |
| 321991                | Manufactured home (mobile home) manufacturing . . . . .        | —              | 7                               | 7                         | 798                 | 27 147            | 625                 | 1 116         | 18 604          | 68 187                | 82 193                            | 150 563                            | 750                                  |
| 322                   | Paper manufacturing . . . . .                                  | —              | 13                              | 9                         | 615                 | 25 378            | 405                 | 814           | 11 988          | 59 762                | 111 658                           | 172 070                            | 6 267                                |
| 3222                  | Converted paper product manufacturing . . . . .                | —              | 13                              | 9                         | 615                 | 25 378            | 405                 | 814           | 11 988          | 59 762                | 111 658                           | 172 070                            | 6 267                                |
| 323                   | Printing and related support activities . . . . .              | —              | 87                              | 38                        | 5 948               | 229 665           | 4 778               | 8 897         | 171 977         | 586 260               | 378 699                           | 962 365                            | 35 453                               |
| 3231                  | Printing and related support activities . . . . .              | —              | 87                              | 38                        | 5 948               | 229 665           | 4 778               | 8 897         | 171 977         | 586 260               | 378 699                           | 962 365                            | 35 453                               |
| 32311                 | Printing . . . . .   | —              | 75                              | 33                        | 5 708               | 221 031           | 4 590               | 8 604         | 167 019         | 573 486               | 375 565                           | 946 538                            | 32 682                               |
| 323110                | Commercial lithographic printing . . . . .                     | —              | 48                              | 26                        | 5 163               | 201 719           | 4 145               | 7 727         | 152 228         | 530 357               | 332 526                           | 860 446                            | 29 331                               |
| 325                   | Chemical manufacturing . . . . .                               | —              | 28                              | 6                         | 2 074               | 123 458           | 1 155               | 2 465         | 54 786          | 1 323 437             | 331 306                           | 1 643 215                          | 41 226                               |
| 3254                  | Pharmaceutical and medicine manufacturing . . . . .            | —              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 40 039                               |
| 32541                 | Pharmaceutical and medicine manufacturing . . . . .            | —              | 5                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 40 039                               |
| 325412                | Pharmaceutical preparation manufacturing . . . . .             | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414                | Biological product (except diagnostic) manufacturing . . . . . | 2              | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                   | Plastics and rubber products manufacturing . . . . .           | 3              | '34                             | '19                       | '3 658              | '117 201          | '3 142              | '6 062        | '85 796         | '448 626              | '494 761                          | '938 390                           | 45 372                               |
| 3261                  | Plastics product manufacturing . . . . .                       | 4              | '25                             | '16                       | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32614                 | Polystyrene foam product manufacturing . . . . .               | 9              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326140                | Polystyrene foam product manufacturing . . . . .               | 9              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                 | Other plastics product manufacturing . . . . .                 | 1              | '15                             | '8                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326192                | Resilient floor covering manufacturing . . . . .               | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                | All other plastics product manufacturing . . . . .             | 7              | '13                             | '6                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|-----------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                       |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LANCASTER—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 327                   | Nonmetallic mineral product manufacturing .....  | -  | 30                              | 13                        | 1 652               | 61 374            | 1 357               | 2 617         | 47 007          | 133 907               | 137 322                           | 269 883                            | 11 532                               |
| 3273                  | Cement and concrete product manufacturing .....  | -  | 17                              | 8                         | 853                 | 28 669            | 696                 | 1 481         | 21 530          | 60 501                | 83 433                            | 142 331                            | 7 158                                |
| 32739                 | Other concrete product manufacturing .....   | -  | 8                               | 4                         | 510                 | 17 030            | 438                 | 906           | 13 490          | 37 262                | 49 987                            | 86 326                             | 4 495                                |
| 327390                | Other concrete product manufacturing .....   | -  | 8                               | 4                         | 510                 | 17 030            | 438                 | 906           | 13 490          | 37 262                | 49 987                            | 86 326                             | 4 495                                |
| 3279                  | Other nonmetallic mineral product manufacturing .....  | -  | 8                               | 3                         | 712                 | 30 348            | 590                 | 991           | 23 865          | 67 109                | 44 328                            | 111 287                            | D                                    |
| 32799                 | All other nonmetallic mineral product manufacturing .....  | -  | 8                               | 3                         | 712                 | 30 348            | 590                 | 991           | 23 865          | 67 109                | 44 328                            | 111 287                            | D                                    |
| 331                   | Primary metal manufacturing .....  | -  | 25                              | 16                        | 2 760               | 116 450           | 2 170               | 4 318         | 81 855          | 219 010               | 608 990                           | 830 957                            | 12 348                               |
| 3313                  | Alumina and aluminum production and processing .....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131                 | Alumina and aluminum production and processing ...   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331315                | Aluminum sheet, plate, and foil manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314                  | Nonferrous metal (except aluminum) production and processing .....                                 | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33142                 | Copper rolling, drawing, extruding, and alloying .....   | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315                  | Foundries .....  | -  | 18                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 033                                |
| 33151                 | Ferrous metal foundries .....  | -  | 7                               | 5                         | 712                 | 20 758            | 627                 | 1 170         | 17 307          | 21 242                | 26 837                            | 50 994                             | 1 708                                |
| 331511                | Iron foundries .....   | -  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                   | Fabricated metal product manufacturing .....   | -  | 185                             | 52                        | 6 648               | 250 674           | 4 807               | 10 372        | 158 912         | 524 118               | 425 301                           | 964 877                            | 31 045                               |
| 3323                  | Architectural and structural metals manufacturing .....  | -  | 53                              | 15                        | 2 138               | 87 251            | 1 498               | 3 100         | 57 016          | 193 953               | 197 371                           | 402 389                            | 8 541                                |
| 33231                 | Plate work and fabricated structural product manufacturing .....                                   | -  | 27                              | 11                        | 1 624               | 66 648            | 1 186               | 2 460         | 45 621          | 142 844               | 123 761                           | 278 143                            | 6 403                                |
| 332312                | Fabricated structural metal manufacturing .....  | -  | 18                              | 7                         | 1 291               | 52 906            | 960                 | 2 013         | 36 785          | 109 660               | 106 644                           | 228 629                            | 5 826                                |
| 33232                 | Ornamental and architectural metal products manufacturing .....                                    | -  | 26                              | 4                         | 514                 | 20 603            | 312                 | 640           | 11 395          | 51 109                | 73 610                            | 124 246                            | 2 138                                |
| 3327                  | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                        | -  | 77                              | 18                        | 1 332               | 45 610            | 1 019               | 1 963         | 30 809          | 84 654                | 47 682                            | 134 508                            | 5 469                                |
| 33271                 | Machine shops .....  | 1  | 59                              | 8                         | 610                 | 22 500            | 429                 | 771           | 14 386          | 39 887                | 21 200                            | 62 680                             | 3 269                                |
| 332710                | Machine shops .....  | 1  | 59                              | 8                         | 610                 | 22 500            | 429                 | 771           | 14 386          | 39 887                | 21 200                            | 62 680                             | 3 269                                |
| 33272                 | Turned product and screw, nut, and bolt manufacturing .....  | -  | 18                              | 10                        | 722                 | 23 110            | 590                 | 1 192         | 16 423          | 44 767                | 26 482                            | 71 828                             | 2 200                                |
| 332721                | Precision turned product manufacturing .....   | -  | 14                              | 8                         | 645                 | 19 897            | 533                 | 1 080         | 14 653          | 40 451                | 22 795                            | 63 733                             | 2 123                                |
| 3329                  | Other fabricated metal product manufacturing .....   | -  | 15                              | 8                         | 1 965               | 74 543            | 1 379               | 3 525         | 43 919          | 166 259               | 112 890                           | 282 704                            | 7 799                                |
| 33291                 | Metal valve manufacturing ...  | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332919                | Other metal valve and pipe fitting manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33299                 | All other fabricated metal product manufacturing .....   | -  | 13                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                   | Machinery manufacturing .....  | -  | 74                              | 31                        | 2 880               | 120 330           | 1 898               | 3 899         | 74 333          | 234 270               | 264 104                           | 590 719                            | 25 166                               |
| 3331                  | Agriculture, construction, and mining machinery manufacturing .....                                | -  | 24                              | 7                         | 959                 | 47 414            | 801                 | 1 611         | 38 197          | 137 527               | 107 971                           | 232 883                            | D                                    |
| 33311                 | Agricultural implement manufacturing .....   | -  | 20                              | 4                         | 870                 | 44 056            | 744                 | 1 496         | 36 342          | 130 406               | 102 576                           | 220 765                            | D                                    |
| 333111                | Farm machinery and equipment manufacturing ..  | -  | 19                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 133                                |
| 3334                  | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | -  | 8                               | 6                         | 904                 | 33 037            | 492                 | 1 084         | 15 764          | 112 722               | 103 913                           | 218 096                            | D                                    |
| 33341                 | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | -  | 8                               | 6                         | 904                 | 33 037            | 492                 | 1 084         | 15 764          | 112 722               | 103 913                           | 218 096                            | D                                    |
| 333414                | Heating equipment (except warm air furnaces) manufacturing .....                                   | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

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| NAICS code            | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                       |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LANCASTER—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334                   | Computer and electronic product manufacturing .....   | -              | 19                              | 12                        | 1 646               | 70 423            | 1 008               | 1 941         | 33 891          | 196 967               | 185 359                           | 380 456                            | 11 089                               |
| 3342                  | Communications equipment manufacturing .....  | -              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 506                                |
| 33422                 | Radio and television broadcasting and wireless communications equipment manufacturing ..... | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 506                                |
| 334220                | Radio and television broadcasting and wireless communications equipment manufacturing ..... | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 506                                |
| 3344                  | Semiconductor and other electronic component manufacturing .....                            | -              | 8                               | 5                         | 807                 | 35 982            | 518                 | 964           | 19 046          | 96 404                | 71 069                            | 166 967                            | 4 722                                |
| 33441                 | Semiconductor and other electronic component manufacturing .....                            | -              | 8                               | 5                         | 807                 | 35 982            | 518                 | 964           | 19 046          | 96 404                | 71 069                            | 166 967                            | 4 722                                |
| 335                   | Electrical equipment, appliance, and component manufacturing .....                          | -              | 12                              | 7                         | 1 275               | 46 511            | 955                 | 1 817         | 28 085          | 85 157                | 152 228                           | 241 370                            | 5 574                                |
| 3359                  | Other electrical equipment and component manufacturing .....                                | -              | 5                               | 5                         | 960                 | 36 243            | 760                 | 1 563         | 24 787          | 72 213                | 129 031                           | 202 736                            | 5 007                                |
| 33592                 | Communication and energy wire and cable manufacturing .....                                 | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335929                | Other communication and energy wire manufacturing .....                                     | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                   | Transportation equipment manufacturing .....  | -              | 22                              | 12                        | 1 435               | 44 742            | 1 115               | 2 289         | 30 858          | 124 389               | 200 268                           | 328 159                            | 3 230                                |
| 3362                  | Motor vehicle body and trailer manufacturing .....  | 1              | 14                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 589                                |
| 33621                 | Motor vehicle body and trailer manufacturing .....  | 1              | 14                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 589                                |
| 337                   | Furniture and related product manufacturing .....   | 2              | 116                             | 29                        | 2 379               | 75 585            | 1 920               | 3 788         | 53 214          | 143 305               | 116 594                           | 260 713                            | 9 432                                |
| 3371                  | Household and institutional furniture and kitchen cabinet manufacturing .....               | 2              | 101                             | 19                        | 1 708               | 51 844            | 1 394               | 2 780         | 37 158          | 91 858                | 66 368                            | 158 406                            | 7 208                                |
| 33711                 | Wood kitchen cabinet and countertop manufacturing .....                                     | 2              | 54                              | 15                        | 1 160               | 37 599            | 921                 | 1 815         | 25 777          | 65 248                | 38 497                            | 103 673                            | 3 155                                |
| 337110                | Wood kitchen cabinet and countertop manufacturing .....                                     | 2              | 54                              | 15                        | 1 160               | 37 599            | 921                 | 1 815         | 25 777          | 65 248                | 38 497                            | 103 673                            | 3 155                                |
| 33712                 | Household and institutional furniture manufacturing .....                                   | 3              | 47                              | 4                         | 548                 | 14 245            | 473                 | 965           | 11 381          | 26 610                | 27 871                            | 54 733                             | 4 053                                |
| 339                   | Miscellaneous manufacturing .....   | 4              | 68                              | 12                        | 1 225               | 40 717            | 880                 | 1 609         | 23 263          | 195 445               | 65 054                            | 259 390                            | 14 910                               |
| 3399                  | Other miscellaneous manufacturing .....   | 6              | 51                              | 8                         | 827                 | 26 167            | 611                 | 1 028         | 15 023          | 93 604                | 43 870                            | 137 102                            | 7 525                                |
| 33999                 | All other miscellaneous manufacturing .....   | 7              | 25                              | 6                         | 638                 | 20 832            | 472                 | 745           | 11 842          | 83 278                | 35 481                            | 118 417                            | 7 191                                |
| 339999                | All other miscellaneous manufacturing .....   | 7              | 20                              | 5                         | 512                 | 17 218            | 367                 | 531           | 9 430           | 73 513                | 29 648                            | 102 727                            | 6 970                                |
| <b>LAWRENCE</b>       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                 | Manufacturing .....   | -              | 176                             | 56                        | 4 798               | 175 703           | 3 607               | 7 600         | 115 768         | 689 104               | 632 737                           | 1 326 159                          | 37 798                               |
| 327                   | Nonmetallic mineral product manufacturing .....   | -              | 15                              | 9                         | 627                 | 25 791            | 472                 | 1 018         | 17 350          | 75 980                | 56 977                            | 129 433                            | 7 816                                |
| 331                   | Primary metal manufacturing .....   | -              | 12                              | 6                         | 607                 | 29 765            | 440                 | 1 062         | 19 606          | 117 510               | 127 084                           | 245 867                            | 5 817                                |
| 332                   | Fabricated metal product manufacturing .....  | 1              | 54                              | 19                        | 1 388               | 49 337            | 1 094               | 2 263         | 34 511          | 114 654               | 103 313                           | 218 406                            | 5 682                                |
| <b>LEBANON</b>        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                 | Manufacturing .....   | -              | 219                             | 78                        | 9 613               | 325 865           | 7 278               | 14 213        | 212 222         | 817 772               | 904 761                           | 1 719 920                          | 83 062                               |
| 311                   | Food manufacturing .....  | -              | 24                              | 8                         | 1 815               | 48 891            | 1 549               | 3 080         | 35 889          | 112 643               | 205 888                           | 311 379                            | 20 981                               |
| 3116                  | Animal slaughtering and processing .....  | -              | 10                              | 7                         | 1 562               | 39 539            | 1 420               | 2 841         | 32 269          | 79 390                | 146 292                           | 218 390                            | 19 906                               |
| 31161                 | Animal slaughtering and processing .....  | -              | 10                              | 7                         | 1 562               | 39 539            | 1 420               | 2 841         | 32 269          | 79 390                | 146 292                           | 218 390                            | 19 906                               |
| 311615                | Poultry processing .....  | -              | 3                               | 3                         | 1 175               | 28 867            | 1 090               | 2 149         | 24 365          | 52 077                | 99 010                            | 148 872                            | D                                    |
| 321                   | Wood product manufacturing .....  | -              | 9                               | 3                         | 674                 | 26 896            | 551                 | 1 278         | 19 086          | 23 544                | 78 051                            | 101 097                            | D                                    |
| 3211                  | Sawmills and wood preservation .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32111                 | Sawmills and wood preservation .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321113                | Sawmills .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



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|---------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                     |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LEBANON—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 323                 | Printing and related support activities .....                                 | —              | 16                              | 5                         | 596                 | 12 910            | 349                 | 448           | 6 340           | 21 014                | 16 643                            | 37 714                             | 552                                  |
| 3231                | Printing and related support activities .....                                 | —              | 16                              | 5                         | 596                 | 12 910            | 349                 | 448           | 6 340           | 21 014                | 16 643                            | 37 714                             | 552                                  |
| 32311               | Printing .....  | —              | 14                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                 | Chemical manufacturing .....  | —              | 8                               | 4                         | 773                 | 40 415            | 494                 | 1 104         | 22 198          | 80 665                | 141 160                           | 217 214                            | 17 170                               |
| 3254                | Pharmaceutical and medicine manufacturing .....                               | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541               | Pharmaceutical and medicine manufacturing .....                               | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412              | Pharmaceutical preparation manufacturing .....                                | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                 | Primary metal manufacturing .....   | —              | 11                              | 9                         | 664                 | 17 364            | 529                 | 880           | 12 770          | 51 576                | 57 481                            | 112 157                            | 7 040                                |
| 332                 | Fabricated metal product manufacturing .....                                  | 2              | 41                              | 11                        | 873                 | 31 710            | 577                 | 1 110         | 19 168          | 96 654                | 43 074                            | 140 373                            | 2 802                                |
| 3323                | Architectural and structural metals manufacturing .....                       | 2              | 15                              | 7                         | 607                 | 21 836            | 358                 | 657           | 11 536          | 76 837                | 33 448                            | 110 892                            | 1 467                                |
| 333                 | Machinery manufacturing .....   | —              | 16                              | 8                         | 602                 | 27 405            | 267                 | 561           | 9 145           | 46 264                | 39 803                            | 95 226                             | 3 042                                |
| 335                 | Electrical equipment, appliance, and component manufacturing .....            | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359                | Other electrical equipment and component manufacturing .....                  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593               | Wiring device manufacturing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931              | Current-carrying wiring device manufacturing .....                            | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                 | Transportation equipment manufacturing .....                                  | —              | 8                               | 4                         | 526                 | 15 428            | 465                 | 918           | 12 919          | 27 607                | 32 760                            | 59 722                             | 1 272                                |
| 337                 | Furniture and related product manufacturing .....                             | 5              | 27                              | 9                         | 797                 | 24 444            | 598                 | 1 079         | 14 029          | 59 559                | 43 261                            | 105 671                            | 2 499                                |
| 3371                | Household and institutional furniture and kitchen cabinet manufacturing ..... | 5              | 24                              | 7                         | 734                 | 23 178            | 546                 | 1 023         | 13 246          | 56 908                | 41 469                            | 101 229                            | D                                    |
| 33711               | Wood kitchen cabinet and countertop manufacturing .....                       | 3              | 11                              | 5                         | 519                 | 16 766            | 404                 | 783           | 10 223          | 39 069                | 13 152                            | 52 312                             | 890                                  |
| 337110              | Wood kitchen cabinet and countertop manufacturing ..                          | 3              | 11                              | 5                         | 519                 | 16 766            | 404                 | 783           | 10 223          | 39 069                | 13 152                            | 52 312                             | 890                                  |
| <b>LEHIGH</b>       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1              | '458                            | '157                      | '21 573             | '976 980          | '13 039             | '25 081       | '456 184        | '3 293 223            | '2 557 302                        | 5 848 065                          | 193 821                              |
| 311                 | Food manufacturing .....  | —              | 34                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115                | Dairy product manufacturing .....   | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31151               | Dairy product (except frozen) manufacturing .....                             | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311513              | Cheese manufacturing .....  | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314                 | Textile product mills .....   | —              | 8                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141                | Textile furnishings mills .....   | —              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412               | Curtain and linen mills .....   | —              | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129              | Other household textile product mills .....                                   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315                 | Apparel manufacturing .....   | 3              | 63                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 689                                  |
| 3152                | Cut and sew apparel manufacturing .....                                       | 4              | 56                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31521               | Cut and sew apparel contractors .....   | 2              | 49                              | 2                         | 511                 | 8 923             | 454                 | 726           | 6 667           | 20 415                | 2 097                             | 22 523                             | D                                    |
| 323                 | Printing and related support activities .....                                 | 1              | 50                              | 9                         | 1 176               | 38 496            | 723                 | 1 251         | 21 572          | 64 963                | 36 930                            | 107 970                            | 3 778                                |
| 3231                | Printing and related support activities .....                                 | 1              | 50                              | 9                         | 1 176               | 38 496            | 723                 | 1 251         | 21 572          | 64 963                | 36 930                            | 107 970                            | 3 778                                |
| 32311               | Printing .....  | 1              | 47                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323118              | Blankbook, looseleaf binders, and devices manufacturing ..                    | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                 | Chemical manufacturing .....  | 7              | '16                             | '7                        | '723                | '37 271           | '461                | '961          | '20 641         | S                     | '250 806                          | 217 347                            | D                                    |
| 326                 | Plastics and rubber products manufacturing .....                              | 2              | 23                              | 16                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 13 510                               |
| 3261                | Plastics product manufacturing ..   | 2              | 23                              | 16                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 13 510                               |
| 331                 | Primary metal manufacturing .....   | —              | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315                | Foundries .....   | —              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| <b>LEHIGH—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 332                | Fabricated metal product manufacturing .....  | 2  | 65                              | 25                        | 1 686               | 71 593            | 1 199               | 2 379         | 42 414          | 185 268               | 130 639                           | 313 669                            | 11 997                               |
| 3327               | Machine shops; turned product; and screw, nut, and bolt manufacturing .....                 | 3  | 26                              | 10                        | 525                 | 22 742            | 386                 | 813           | 14 785          | 50 068                | 17 698                            | 67 314                             | D                                    |
| 333                | Machinery manufacturing .....   | 1  | 36                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3332               | Industrial machinery manufacturing .....  | 1  | 13                              | 6                         | 758                 | 40 360            | 318                 | 649           | 11 602          | 72 760                | 85 528                            | 159 266                            | 3 429                                |
| 33329              | Other industrial machinery manufacturing .....  | 1  | 12                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339               | Other general purpose machinery manufacturing .....   | 1  | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 945                                |
| 33399              | All other general purpose machinery manufacturing ....                                      | —  | 7                               | 2                         | 549                 | 29 883            | 308                 | 708           | 15 999          | 69 774                | 62 417                            | 130 708                            | D                                    |
| 334                | Computer and electronic product manufacturing .....   | 2  | 27                              | 13                        | 4 019               | 276 097           | 1 577               | 3 546         | 93 277          | 130 326               | 213 595                           | 363 410                            | D                                    |
| 3342               | Communications equipment manufacturing .....  | 2  | 6                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33422              | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 1  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334220             | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 1  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344               | Semiconductor and other electronic component manufacturing .....                            | 2  | 10                              | 5                         | 2 435               | 168 744           | 1 150               | 2 643         | 67 423          | 70 279                | 110 014                           | 190 784                            | D                                    |
| 33441              | Semiconductor and other electronic component manufacturing .....                            | 2  | 10                              | 5                         | 2 435               | 168 744           | 1 150               | 2 643         | 67 423          | 70 279                | 110 014                           | 190 784                            | D                                    |
| 334413             | Semiconductor and related device manufacturing .....  | —  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335                | Electrical equipment, appliance, and component manufacturing .....                          | —  | 13                              | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359               | Other electrical equipment and component manufacturing .....                                | —  | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593              | Wiring device manufacturing ...   | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931             | Current-carrying wiring device manufacturing .....  | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                | Transportation equipment manufacturing .....  | —  | 8                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 844                                |
| 3361               | Motor vehicle manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33612              | Heavy duty truck manufacturing .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336120             | Heavy duty truck manufacturing .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                | Furniture and related product manufacturing .....   | —  | 20                              | 5                         | 563                 | 22 609            | 364                 | 793           | 11 271          | 55 781                | 28 312                            | 84 593                             | D                                    |
| 339                | Miscellaneous manufacturing .....   | —  | 34                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391               | Medical equipment and supplies manufacturing .....  | —  | 19                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911              | Medical equipment and supplies manufacturing .....  | —  | 19                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112             | Surgical and medical instrument manufacturing ..  | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399               | Other miscellaneous manufacturing .....   | —  | 15                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>LUZERNE</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....   | 1  | 372                             | 143                       | 20 913              | 743 456           | 15 630              | 31 602        | 489 626         | 2 278 627             | 2 336 340                         | 4 618 483                          | 146 118                              |
| 311                | Food manufacturing .....  | —  | 40                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116               | Animal slaughtering and processing .....  | —  | 7                               | 4                         | 824                 | 21 966            | 725                 | 1 540         | 15 925          | 43 855                | 150 840                           | 194 373                            | D                                    |
| 31161              | Animal slaughtering and processing .....  | —  | 7                               | 4                         | 824                 | 21 966            | 725                 | 1 540         | 15 925          | 43 855                | 150 840                           | 194 373                            | D                                    |
| 311612             | Meat processed from carcasses .....   | —  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118               | Bakeries and tortilla manufacturing .....   | 1  | 21                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 878                                  |
| 31181              | Bread and bakery product manufacturing .....  | 1  | 21                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 878                                  |
| 311812             | Commercial bakeries .....   | 1  | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 632                                  |
| 313                | Textile mills .....   | 7  | 9                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 744                                |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

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| NAICS code          | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                     |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LUZERNE—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 315                 | Apparel manufacturing .....  | -  | 14                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152                | Cut and sew apparel manufacturing .....  | -  | 9                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523               | Women's and girls' cut and sew apparel manufacturing .....                       | -  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322                 | Paper manufacturing .....  | -  | 15                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222                | Converted paper product manufacturing .....                                      | -  | 13                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323                 | Printing and related support activities .....                                    | 1  | 46                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                | Printing and related support activities .....                                    | 1  | 46                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311               | Printing .....   | 1  | 46                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110              | Commercial lithographic printing .....   | -  | 22                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323117              | Books printing .....   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                 | Chemical manufacturing .....   | 1  | 8                               | 6                         | 730                 | 26 011            | 490                 | 1 041         | 13 875          | 7 898                 | 204 387                           | 215 299                            | 7 399                                |
| 3256                | Soap, cleaning compound, and toilet preparation manufacturing .....              | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                 | Plastics and rubber products manufacturing .....                                 | 2  | 24                              | 18                        | 2 802               | 99 031            | 2 349               | 5 069         | 75 700          | 324 972               | 337 940                           | 658 025                            | 23 931                               |
| 3261                | Plastics product manufacturing .....   | 2  | 24                              | 18                        | 2 802               | 99 031            | 2 349               | 5 069         | 75 700          | 324 972               | 337 940                           | 658 025                            | 23 931                               |
| 32611               | Plastics packaging materials and un laminated film and sheet manufacturing ..... | 4  | 6                               | 3                         | 1 016               | 39 455            | 860                 | 1 925         | 31 713          | 113 067               | 137 257                           | 249 798                            | D                                    |
| 326112              | Plastics packaging film and sheet (including laminated) manufacturing .....      | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619               | Other plastics product manufacturing .....                                       | -  | 11                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199              | All other plastics product manufacturing .....                                   | -  | 11                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                 | Nonmetallic mineral product manufacturing .....                                  | -  | 18                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272                | Glass and glass product manufacturing .....                                      | -  | 5                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721               | Glass and glass product manufacturing .....                                      | -  | 5                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212              | Other pressed and blown glass and glassware manufacturing .....                  | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                 | Fabricated metal product manufacturing .....                                     | 1  | 69                              | 30                        | 3 081               | 101 521           | 2 348               | 4 549         | 67 353          | 262 236               | 210 472                           | 474 822                            | 12 880                               |
| 3323                | Architectural and structural metals manufacturing .....                          | 3  | 16                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3326                | Spring and wire product manufacturing .....                                      | 1  | 9                               | 8                         | 1 304               | 40 501            | 1 050               | 2 221         | 29 722          | 139 008               | 96 627                            | 237 672                            | 5 994                                |
| 33261               | Spring and wire product manufacturing .....                                      | 1  | 9                               | 8                         | 1 304               | 40 501            | 1 050               | 2 221         | 29 722          | 139 008               | 96 627                            | 237 672                            | 5 994                                |
| 332618              | Other fabricated wire product manufacturing .....                                | 1  | 9                               | 8                         | 1 304               | 40 501            | 1 050               | 2 221         | 29 722          | 139 008               | 96 627                            | 237 672                            | 5 994                                |
| 333                 | Machinery manufacturing .....  | 3  | 24                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                 | Computer and electronic product manufacturing .....                              | -  | 9                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344                | Semiconductor and other electronic component manufacturing .....                 | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441               | Semiconductor and other electronic component manufacturing .....                 | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413              | Semiconductor and related device manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                 | Transportation equipment manufacturing .....                                     | 1  | 10                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                 | Miscellaneous manufacturing .....  | -  | 32                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391                | Medical equipment and supplies manufacturing .....                               | -  | 14                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911               | Medical equipment and supplies manufacturing .....                               | -  | 14                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339113              | Surgical appliance and supplies manufacturing .....                              | -  | 4                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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| NAICS code      | Geographic area and industry                                       | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                 |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LYCOMING</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33           | Manufacturing .....  | 1  | 206                             | 85                        | 11 992              | 413 577           | 9 032               | 18 215        | 263 697         | 1 306 732             | 1 316 099                         | 2 649 429                          | 62 703                               |
| 311             | Food manufacturing .....   | -  | 18                              | 7                         | 1 125               | 43 826            | 852                 | 1 788         | 32 446          | 348 811               | 158 841                           | 508 012                            | 12 200                               |
| 3118            | Bakeries and tortilla manufacturing .....                          | -  | 8                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321             | Wood product manufacturing .....                                   | -  | 23                              | 7                         | 822                 | 26 642            | 680                 | 1 407         | 18 068          | 67 342                | 79 117                            | 146 781                            | 2 150                                |
| 3219            | Other wood product manufacturing .....                             | -  | 14                              | 5                         | 707                 | 23 060            | 580                 | 1 173         | 14 980          | 55 050                | 50 878                            | 106 302                            | 525                                  |
| 32199           | All other wood product manufacturing .....                         | -  | 6                               | 3                         | 591                 | 20 548            | 480                 | 998           | 13 080          | 49 759                | 43 100                            | 93 244                             | 353                                  |
| 321992          | Prefabricated wood building manufacturing .....                    | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326             | Plastics and rubber products manufacturing .....                   | -  | 13                              | 9                         | 1 024               | 31 606            | 750                 | 1 603         | 19 229          | 142 616               | 110 249                           | 249 513                            | 8 030                                |
| 3261            | Plastics product manufacturing ..                                  | -  | 11                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619           | Other plastics product manufacturing .....                         | -  | 5                               | 3                         | 513                 | 16 939            | 326                 | 716           | 8 660           | 66 387                | 34 227                            | 100 767                            | 2 294                                |
| 326199          | All other plastics product manufacturing .....                     | -  | 5                               | 3                         | 513                 | 16 939            | 326                 | 716           | 8 660           | 66 387                | 34 227                            | 100 767                            | 2 294                                |
| 331             | Primary metal manufacturing .....                                  | 5  | 6                               | 4                         | 1 177               | 46 129            | 946                 | 1 953         | 32 529          | 122 054               | 181 173                           | 306 082                            | 1 945                                |
| 332             | Fabricated metal product manufacturing .....                       | 2  | 36                              | 12                        | 1 081               | 41 889            | 893                 | 1 744         | 30 287          | 86 014                | 82 454                            | 178 901                            | 4 894                                |
| 3323            | Architectural and structural metals manufacturing .....            | -  | 11                              | 5                         | 612                 | 25 757            | 497                 | 952           | 18 219          | 43 951                | 56 408                            | 107 330                            | 3 551                                |
| 333             | Machinery manufacturing .....                                      | 2  | 14                              | 5                         | 721                 | 32 530            | 403                 | 857           | 13 080          | 54 228                | 43 816                            | 105 007                            | 2 840                                |
| 334             | Computer and electronic product manufacturing .....                | -  | 5                               | 3                         | 770                 | 26 591            | 515                 | 1 048         | 15 069          | 71 850                | 79 652                            | 153 252                            | 2 797                                |
| 3344            | Semiconductor and other electronic component manufacturing .....   | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441           | Semiconductor and other electronic component manufacturing .....   | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334418          | Printed circuit assembly (electronic assembly) manufacturing ..... | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335             | Electrical equipment, appliance, and component manufacturing ..... | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3352            | Household appliance manufacturing .....                            | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33521           | Small electrical appliance manufacturing .....                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335212          | Household vacuum cleaner manufacturing .....                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336             | Transportation equipment manufacturing .....                       | -  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364            | Aerospace product and parts manufacturing .....                    | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641           | Aerospace product and parts manufacturing .....                    | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412          | Aircraft engine and engine parts manufacturing .....               | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337             | Furniture and related product manufacturing .....                  | -  | 16                              | 7                         | 1 293               | 32 321            | 942                 | 1 809         | 22 603          | 80 871                | 88 333                            | 171 225                            | 4 652                                |
| 3379            | Other furniture related product manufacturing .....                | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33792           | Blind and shade manufacturing .....                                | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337920          | Blind and shade manufacturing .....                                | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339             | Miscellaneous manufacturing .....                                  | -  | 13                              | 5                         | 576                 | 17 946            | 383                 | 771           | 8 750           | 43 277                | 22 774                            | 66 498                             | 3 799                                |

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|----------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>MCKEAN</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33          | Manufacturing .....   | -  | 71                              | 27                        | 4 629               | 164 845           | 3 438               | 7 291         | 114 817         | 472 514               | 707 514                           | 1 174 516                          | 26 545                               |
| 321            | Wood product manufacturing .....                                      | -  | 13                              | 5                         | 770                 | 23 699            | 625                 | 1 320         | 17 281          | 51 994                | 86 531                            | 137 176                            | 3 034                                |
| 3211           | Sawmills and wood preservation .....                                  | -  | 6                               | 4                         | 517                 | 14 796            | 415                 | 881           | 10 394          | 33 541                | 66 507                            | 100 508                            | D                                    |
| 32111          | Sawmills and wood preservation .....                                  | -  | 6                               | 4                         | 517                 | 14 796            | 415                 | 881           | 10 394          | 33 541                | 66 507                            | 100 508                            | D                                    |
| 321113         | Sawmills .....  | -  | 6                               | 4                         | 517                 | 14 796            | 415                 | 881           | 10 394          | 33 541                | 66 507                            | 100 508                            | D                                    |
| 327            | Nonmetallic mineral product manufacturing .....                       | -  | 8                               | 3                         | 842                 | 35 989            | 687                 | 1 455         | 27 625          | 92 237                | 57 001                            | 148 532                            | 2 700                                |
| 3272           | Glass and glass product manufacturing .....                           | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721          | Glass and glass product manufacturing .....                           | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332            | Fabricated metal product manufacturing .....                          | 1  | 12                              | 6                         | 1 074               | 35 324            | 722                 | 1 554         | 20 756          | 84 411                | 63 118                            | 146 132                            | 3 903                                |
| 339            | Miscellaneous manufacturing .....                                     | -  | 5                               | 3                         | 795                 | 27 352            | 590                 | 1 169         | 20 219          | 86 214                | 34 233                            | 122 920                            | D                                    |
| 3399           | Other miscellaneous manufacturing .....                               | -  | 5                               | 3                         | 795                 | 27 352            | 590                 | 1 169         | 20 219          | 86 214                | 34 233                            | 122 920                            | D                                    |
| 33999          | All other miscellaneous manufacturing .....                           | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339999         | All other miscellaneous manufacturing .....                           | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MERCER</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33          | Manufacturing .....   | '2 | '202                            | '71                       | '8 786              | '346 658          | '6 284              | '12 938       | '210 509        | '935 301              | '1 484 373                        | '2 413 487                         | '51 649                              |
| 311            | Food manufacturing .....  | -  | 19                              | 5                         | 921                 | 36 243            | 615                 | 1 137         | 16 419          | 79 715                | 152 935                           | 229 374                            | 6 937                                |
| 326            | Plastics and rubber products manufacturing .....                      | -  | 9                               | 7                         | 582                 | 16 165            | 397                 | 735           | 8 486           | 29 469                | 38 997                            | 67 650                             | 4 232                                |
| 3261           | Plastics product manufacturing .....                                  | -  | 9                               | 7                         | 582                 | 16 165            | 397                 | 735           | 8 486           | 29 469                | 38 997                            | 67 650                             | 4 232                                |
| 331            | Primary metal manufacturing .....                                     | '3 | '14                             | '10                       | '2 352              | '110 403          | '1 809              | '3 651        | '81 108         | '376 575              | '783 375                          | '1 162 932                         | '13 672                              |
| 3311           | Iron and steel mills and ferroalloy manufacturing .....               | -  | 5                               | 5                         | 743                 | 36 652            | 556                 | 1 081         | 26 542          | 92 258                | 365 781                           | 450 152                            | D                                    |
| 33111          | Iron and steel mills and ferroalloy manufacturing .....               | -  | 5                               | 5                         | 743                 | 36 652            | 556                 | 1 081         | 26 542          | 92 258                | 365 781                           | 450 152                            | D                                    |
| 331111         | Iron and steel mills .....  | -  | 5                               | 5                         | 743                 | 36 652            | 556                 | 1 081         | 26 542          | 92 258                | 365 781                           | 450 152                            | D                                    |
| 3312           | Steel product manufacturing from purchased steel .....                | '6 | '3                              | '3                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33121          | Iron and steel pipe and tube manufacturing from purchased steel ..... | '6 | '3                              | '3                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331210         | Iron and steel pipe and tube manufacturing from purchased steel ..... | '6 | '3                              | '3                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332            | Fabricated metal product manufacturing .....                          | -  | 46                              | 18                        | 2 343               | 98 831            | 1 649               | 3 706         | 54 354          | 203 308               | 345 351                           | 544 833                            | 14 374                               |
| 3329           | Other fabricated metal product manufacturing .....                    | -  | 9                               | 5                         | 1 248               | 54 994            | 816                 | 1 909         | 24 817          | 93 905                | 82 168                            | 176 393                            | D                                    |
| 33299          | All other fabricated metal product manufacturing .....                | -  | 8                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332999         | All other miscellaneous fabricated metal product manufacturing .....  | -  | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MIFFLIN</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33          | Manufacturing .....   | -  | 83                              | 25                        | 4 497               | 166 519           | 3 572               | 7 387         | 122 962         | 412 785               | 494 393                           | 908 044                            | 15 728                               |
| 321            | Wood product manufacturing .....                                      | 1  | 23                              | 3                         | 561                 | 13 587            | 486                 | 801           | 10 365          | 28 322                | 44 850                            | 73 471                             | 1 009                                |
| 326            | Plastics and rubber products manufacturing .....                      | -  | 6                               | 4                         | 646                 | 17 208            | 561                 | 1 169         | 15 029          | 38 633                | 54 776                            | 93 914                             | D                                    |
| 3261           | Plastics product manufacturing .....                                  | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331            | Primary metal manufacturing .....                                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311           | Iron and steel mills and ferroalloy manufacturing .....               | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111          | Iron and steel mills and ferroalloy manufacturing .....               | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111         | Iron and steel mills .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332            | Fabricated metal product manufacturing .....                          | -  | 8                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 433                                |
| 333            | Machinery manufacturing .....   | -  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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| NAICS code        | Geographic area and industry                            | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>MONROE</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....                                     | -  | 122                             | 32                        | 5 111               | 233 536           | 3 010               | 5 732         | 103 319         | 948 369               | 553 584                           | 1 473 414                          | D                                    |
| 325               | Chemical manufacturing .....                            | -  | 9                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254              | Pharmaceutical and medicine manufacturing .....         | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541             | Pharmaceutical and medicine manufacturing .....         | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414            | Biological product (except diagnostic) manufacturing .. | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332               | Fabricated metal product manufacturing .....            | -  | 29                              | 7                         | 1 042               | 38 240            | 678                 | 1 059         | 17 002          | 73 300                | 30 234                            | 102 785                            | 7 013                                |
| 3321              | Forging and stamping.....                               | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33211             | Forging and stamping.....                               | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332116            | Metal stamping .....                                    | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MONTGOMERY</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....                                     | -  | 1 280                           | 419                       | '56 330             | '2 525 146        | '35 965             | '73 820       | '1 292 055      | '14 647 572           | '11 181 990                       | '25 865 314                        | '562 647                             |
| 311               | Food manufacturing .....                                | 1  | 86                              | 38                        | 6 717               | 222 451           | 4 789               | 9 640         | 130 780         | 755 201               | 1 719 069                         | 2 477 129                          | 26 292                               |
| 3113              | Sugar and confectionery product manufacturing .....     | 8  | 11                              | 5                         | 502                 | 16 345            | 391                 | 644           | 11 584          | 75 492                | 118 875                           | 199 401                            | 2 923                                |
| 3115              | Dairy product manufacturing.....                        | -  | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31151             | Dairy product (except frozen) manufacturing .....       | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311511            | Fluid milk manufacturing .....                          | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116              | Animal slaughtering and processing .....                | -  | 13                              | 11                        | 4 243               | 135 117           | 3 248               | 6 815         | 80 202          | 418 594               | 1 343 994                         | 1 761 950                          | 15 555                               |
| 31161             | Animal slaughtering and processing .....                | -  | 13                              | 11                        | 4 243               | 135 117           | 3 248               | 6 815         | 80 202          | 418 594               | 1 343 994                         | 1 761 950                          | 15 555                               |
| 311611            | Animal (except poultry) slaughtering .....              | -  | 7                               | 6                         | 3 190               | 109 154           | 2 492               | 5 124         | 64 588          | 258 904               | 1 248 207                         | 1 508 911                          | 12 111                               |
| 311615            | Poultry processing .....                                | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118              | Bakeries and tortilla manufacturing .....               | 3  | 45                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 569                                |
| 31181             | Bread and bakery product manufacturing .....            | 2  | 42                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312               | Beverage and tobacco product manufacturing .....        | -  | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3122              | Tobacco manufacturing .....                             | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31222             | Tobacco product manufacturing .....                     | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312229            | Other tobacco product manufacturing .....               | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313               | Textile mills .....                                     | 3  | 17                              | 8                         | 790                 | 21 858            | 638                 | 1 328         | 15 034          | 39 707                | 84 075                            | 126 968                            | D                                    |
| 314               | Textile product mills .....                             | 3  | '19                             | '10                       | '634                | '17 917           | '460                | '879          | '10 493         | '26 566               | '33 206                           | '59 201                            | '2 352                               |
| 315               | Apparel manufacturing.....                              | 1  | 41                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152              | Cut and sew apparel manufacturing .....                 | 1  | 32                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322               | Paper manufacturing .....                               | 1  | 23                              | 15                        | 1 960               | 102 504           | 1 424               | 3 296         | 56 324          | 342 278               | 329 150                           | 670 223                            | 16 654                               |
| 3222              | Converted paper product manufacturing .....             | 1  | 22                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221             | Paperboard container manufacturing .....                | -  | 14                              | 10                        | 729                 | 36 911            | 497                 | 1 149         | 20 722          | 97 134                | 100 104                           | 195 902                            | D                                    |
| 322211            | Corrugated and solid fiber box manufacturing .....      | -  | 8                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229             | Other converted paper product manufacturing .....       | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291            | Sanitary paper product manufacturing .....              | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323               | Printing and related support activities .....           | 2  | '172                            | '39                       | '5 305              | '180 644          | '4 266              | '7 843        | '127 012        | '425 918              | '179 077                          | '603 732                           | '20 115                              |
| 3231              | Printing and related support activities .....           | 2  | '172                            | '39                       | '5 305              | '180 644          | '4 266              | '7 843        | '127 012        | '425 918              | '179 077                          | '603 732                           | '20 115                              |
| 32311             | Printing .....  | 2  | '154                            | '31                       | '3 549              | '122 424          | '2 674              | '4 898        | '79 525         | '290 960              | '150 247                          | '439 980                           | '17 669                              |
| 323110            | Commercial lithographic printing .....                  | 1  | '66                             | '14                       | '2 131              | '77 848           | '1 699              | '2 999        | '56 151         | '167 067              | '82 416                           | '248 696                           | '11 932                              |
| 323116            | Manifold business forms printing .....                  | 6  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32312             | Support activities for printing....                     | -  | 18                              | 8                         | 1 756               | 58 220            | 1 592               | 2 945         | 47 487          | 134 958               | 28 830                            | 163 752                            | 2 446                                |
| 323122            | Prepress services .....                                 | -  | 14                              | 5                         | 1 568               | 50 181            | 1 453               | 2 682         | 42 505          | 113 580               | 22 056                            | 135 629                            | D                                    |

See footnotes at end of table.

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| NAICS code             | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                        |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>MONTGOMERY—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 325                    | Chemical manufacturing .....  | —              | 46                              | 24                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 349 985                              |
| 3251                   | Basic chemical manufacturing ...  | 1              | 8                               | 4                         | 501                 | 26 497            | 301                 | 669           | 13 794          | 86 057                | 41 966                            | 124 451                            | D                                    |
| 3254                   | Pharmaceutical and medicine manufacturing .....                             | —              | 11                              | 8                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                  | Pharmaceutical and medicine manufacturing .....                             | —              | 11                              | 8                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412                 | Pharmaceutical preparation manufacturing .....                              | —              | 8                               | 6                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3255                   | Paint, coating, and adhesive manufacturing .....                            | 2              | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                    | Plastics and rubber products manufacturing .....                            | 2              | 41                              | 16                        | 3 628               | 105 167           | 3 042               | 5 580         | 73 206          | 187 859               | 170 211                           | 362 031                            | 16 228                               |
| 3261                   | Plastics product manufacturing ..   | 2              | 34                              | 12                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 15 577                               |
| 32619                  | Other plastics product manufacturing .....                                  | 2              | 22                              | 6                         | 2 933               | 77 305            | 2 500               | 4 454         | 55 340          | 132 454               | 103 550                           | 237 185                            | 7 036                                |
| 326199                 | All other plastics product manufacturing .....                              | 2              | 21                              | 6                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                    | Nonmetallic mineral product manufacturing .....                             | 3              | 50                              | 16                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 9 715                                |
| 3273                   | Cement and concrete product manufacturing .....                             | 3              | 24                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 994                                |
| 331                    | Primary metal manufacturing .....   | 1              | 22                              | 10                        | 1 486               | 68 983            | 1 112               | 2 195         | 47 265          | 202 204               | 252 167                           | 463 166                            | 5 948                                |
| 3311                   | Iron and steel mills and ferroalloy manufacturing .....                     | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                  | Iron and steel mills and ferroalloy manufacturing .....                     | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                 | Iron and steel mills .....  | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                    | Fabricated metal product manufacturing .....                                | 1              | 251                             | 74                        | 6 612               | 287 287           | 4 711               | 9 512         | 178 493         | 588 431               | 383 747                           | 981 246                            | 23 165                               |
| 3323                   | Architectural and structural metals manufacturing .....                     | 1              | 43                              | 17                        | 1 040               | 38 223            | 719                 | 1 353         | 20 897          | 80 240                | 82 724                            | 163 630                            | 2 750                                |
| 33232                  | Ornamental and architectural metal products manufacturing .....             | 1              | 26                              | 10                        | 562                 | 20 001            | 388                 | 739           | 10 869          | 46 232                | 50 897                            | 98 609                             | 1 867                                |
| 3327                   | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 2              | 105                             | 19                        | 2 499               | 115 768           | 1 938               | 3 904         | 82 095          | 218 556               | 93 799                            | 311 635                            | 9 626                                |
| 33271                  | Machine shops .....   | 4              | 86                              | 11                        | 950                 | 41 749            | 673                 | 1 334         | 25 072          | 86 883                | 34 000                            | 120 025                            | 3 453                                |
| 332710                 | Machine shops .....   | 4              | 86                              | 11                        | 950                 | 41 749            | 673                 | 1 334         | 25 072          | 86 883                | 34 000                            | 120 025                            | 3 453                                |
| 33272                  | Turned product and screw, nut, and bolt manufacturing .....                 | —              | 19                              | 8                         | 1 549               | 74 019            | 1 265               | 2 570         | 57 023          | 131 673               | 59 799                            | 191 610                            | 6 173                                |
| 332722                 | Bolt, nut, screw, rivet, and washer manufacturing .....                     | —              | 8                               | 3                         | 1 320               | 65 005            | 1 105               | 2 240         | 51 314          | 112 281               | 49 440                            | 162 140                            | 4 286                                |
| 3329                   | Other fabricated metal product manufacturing .....                          | 1              | 39                              | 20                        | 1 691               | 78 621            | 1 036               | 2 166         | 41 152          | 174 423               | 79 593                            | 262 192                            | 4 771                                |
| 33291                  | Metal valve manufacturing ....  | 1              | 10                              | 6                         | 636                 | 29 075            | 318                 | 636           | 12 626          | 68 460                | 42 093                            | 116 860                            | 1 890                                |
| 332911                 | Industrial valve manufacturing .....  | —              | 6                               | 3                         | 500                 | 23 947            | 219                 | 439           | 9 538           | 55 360                | 33 147                            | 95 338                             | D                                    |
| 33299                  | All other fabricated metal product manufacturing .....                      | 2              | 29                              | 14                        | 1 055               | 49 546            | 718                 | 1 530         | 28 526          | 105 963               | 37 500                            | 145 332                            | 2 881                                |
| 333                    | Machinery manufacturing .....   | 2              | 109                             | 38                        | 2 920               | 127 414           | 1 840               | 3 659         | 64 140          | 284 743               | 241 830                           | 527 299                            | 12 087                               |
| 3332                   | Industrial machinery manufacturing .....                                    | 1              | 21                              | 7                         | 623                 | 32 175            | 343                 | 731           | 14 528          | 72 447                | 48 083                            | 120 507                            | 1 492                                |
| 33329                  | Other industrial machinery manufacturing .....                              | 1              | 18                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339                   | Other general purpose machinery manufacturing .....                         | 3              | 38                              | 15                        | 1 461               | 59 120            | 920                 | 1 759         | 29 062          | 126 434               | 137 246                           | 263 398                            | 7 502                                |
| 33399                  | All other general purpose machinery manufacturing .....                     | 1              | 23                              | 7                         | 618                 | 23 542            | 403                 | 762           | 12 188          | 48 862                | 43 391                            | 94 371                             | 4 218                                |
| 334                    | Computer and electronic product manufacturing .....                         | —              | 97                              | 44                        | 4 418               | 199 948           | 2 035               | 4 093         | 72 037          | 435 256               | 257 586                           | 708 820                            | 11 613                               |
| 3341                   | Computer and peripheral equipment manufacturing .....                       | —              | 8                               | 4                         | 569                 | 19 699            | 176                 | 409           | 9 670           | 60 452                | 63 084                            | 127 482                            | 1 841                                |
| 33411                  | Computer and peripheral equipment manufacturing .....                       | —              | 8                               | 4                         | 569                 | 19 699            | 176                 | 409           | 9 670           | 60 452                | 63 084                            | 127 482                            | 1 841                                |
| 334119                 | Other computer peripheral equipment manufacturing ..                        | —              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                        |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>MONTGOMERY—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334                    | Computer and electronic product manufacturing—Con.   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 3342                   | Communications equipment manufacturing .....   | —  | 15                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 812                                |
| 33422                  | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | —  | 14                              | 5                         | 732                 | 37 774            | 341                 | 668           | 11 522          | 94 042                | 61 442                            | 151 650                            | D                                    |
| 334220                 | Radio and television broadcasting and wireless communications equipment manufacturing .....                                  | —  | 14                              | 5                         | 732                 | 37 774            | 341                 | 668           | 11 522          | 94 042                | 61 442                            | 151 650                            | D                                    |
| 3344                   | Semiconductor and other electronic component manufacturing .....   | 2  | 28                              | 15                        | 935                 | 40 165            | 553                 | 1 159         | 17 660          | 76 068                | 37 748                            | 117 887                            | D                                    |
| 33441                  | Semiconductor and other electronic component manufacturing .....   | 2  | 28                              | 15                        | 935                 | 40 165            | 553                 | 1 159         | 17 660          | 76 068                | 37 748                            | 117 887                            | D                                    |
| 3345                   | Navigational, measuring, electromedical, and control instruments manufacturing .....   | —  | 40                              | 18                        | 2 061               | 95 739            | 912                 | 1 739         | 32 054          | 190 594               | 90 388                            | 292 663                            | 5 863                                |
| 33451                  | Navigational, measuring, electromedical, and control instruments manufacturing ...   | —  | 40                              | 18                        | 2 061               | 95 739            | 912                 | 1 739         | 32 054          | 190 594               | 90 388                            | 292 663                            | 5 863                                |
| 334511                 | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing .....                | —  | 6                               | 3                         | 664                 | 35 776            | 282                 | 600           | 12 620          | 69 152                | 16 232                            | 87 113                             | D                                    |
| 334513                 | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | —  | 12                              | 5                         | 888                 | 38 377            | 359                 | 643           | 10 186          | 82 702                | 48 550                            | 142 197                            | 1 935                                |
| 335                    | Electrical equipment, appliance, and component manufacturing .....   | —  | 32                              | 14                        | 1 402               | 57 807            | 771                 | 1 652         | 23 949          | 181 685               | 118 086                           | 296 754                            | 3 660                                |
| 3353                   | Electrical equipment manufacturing .....   | —  | 11                              | 5                         | 605                 | 28 436            | 289                 | 628           | 12 252          | 83 023                | 50 780                            | 135 985                            | D                                    |
| 33531                  | Electrical equipment manufacturing .....   | —  | 11                              | 5                         | 605                 | 28 436            | 289                 | 628           | 12 252          | 83 023                | 50 780                            | 135 985                            | D                                    |
| 3359                   | Other electrical equipment and component manufacturing .....   | 2  | 15                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 236                                |
| 336                    | Transportation equipment manufacturing .....   | —  | 25                              | 11                        | 2 752               | 140 904           | 2 089               | 5 715         | 98 858          | 473 894               | 444 370                           | 916 596                            | 27 135                               |
| 3363                   | Motor vehicle parts manufacturing .....  | —  | 13                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33632                  | Motor vehicle electrical and electronic equipment manufacturing .....  | —  | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322                 | Other motor vehicle electrical and electronic equipment manufacturing .....  | —  | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33635                  | Motor vehicle transmission and power train parts manufacturing .....   | —  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336350                 | Motor vehicle transmission and power train parts manufacturing .....   | —  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                    | Furniture and related product manufacturing .....  | 9  | 70                              | 13                        | 2 384               | 107 320           | 1 134               | 2 185         | 35 933          | 305 036               | 241 311                           | 548 445                            | 12 969                               |
| 3372                   | Office furniture (including fixtures) manufacturing .....  | 9  | 21                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 12 366                               |
| 33721                  | Office furniture (including fixtures) manufacturing .....  | 9  | 21                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 12 366                               |
| 337214                 | Office furniture (except wood) manufacturing .....   | 9  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                    | Miscellaneous manufacturing .....  | 2  | 135                             | 30                        | 3 072               | 124 573           | 1 798               | 3 509         | 54 741          | 254 052               | 192 743                           | 451 821                            | 8 435                                |
| 3391                   | Medical equipment and supplies manufacturing .....   | 2  | 53                              | 15                        | 1 235               | 54 085            | 673                 | 1 342         | 23 635          | 132 726               | 72 421                            | 202 765                            | 4 979                                |
| 33911                  | Medical equipment and supplies manufacturing .....   | 2  | 53                              | 15                        | 1 235               | 54 085            | 673                 | 1 342         | 23 635          | 132 726               | 72 421                            | 202 765                            | 4 979                                |
| 339112                 | Surgical and medical instrument manufacturing ..   | 1  | 13                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 794                                |
| 3399                   | Other miscellaneous manufacturing .....  | 3  | 82                              | 15                        | 1 837               | 70 488            | 1 125               | 2 167         | 31 106          | 121 326               | 120 322                           | 249 056                            | 3 456                                |
| 33999                  | All other miscellaneous manufacturing .....  | 4  | 39                              | 6                         | 1 131               | 43 874            | 678                 | 1 262         | 18 545          | 71 240                | 47 853                            | 118 254                            | 2 069                                |
| 339991                 | Gasket, packing, and sealing device manufacturing .....  | 5  | 8                               | 2                         | 782                 | 33 393            | 428                 | 808           | 12 936          | 49 306                | 31 889                            | 79 717                             | D                                    |

See footnotes at end of table.



**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code         | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |         |
|--------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|---------|
|                    |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |         |
| <b>MONTOUR</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 31-33              | Manufacturing .....   | -  | 23                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 325                | Chemical manufacturing .....  | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 3254               | Pharmaceutical and medicine manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 32541              | Pharmaceutical and medicine manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 325411             | Medicinal and botanical manufacturing .....                                 | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| <b>NORTHAMPTON</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |         |
| 31-33              | Manufacturing .....   | 1  | 363                             | 141                       |                     | 15 520            | 593 270             | 11 068        | 21 438          | 352 747               | 1 986 946                         | 1 312 005                          | 3 274 709                            | 130 702 |
| 311                | Food manufacturing .....  | -  | 25                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 315                | Apparel manufacturing .....   | 7  | 26                              | 14                        |                     | 2 419             | 49 549              | 1 964         | 3 467           | 33 304                | 163 089                           | 94 083                             | 256 310                              | 1 150   |
| 3152               | Cut and sew apparel manufacturing .....                                     | 6  | 24                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 31521              | Cut and sew apparel contractors .....                                       | 9  | 19                              | 10                        |                     | 949               | 14 342              | 828           | 1 367           | 11 539                | 91 362                            | 10 308                             | 94 929                               | D       |
| 315211             | Men's and boys' cut and sew apparel contractors .....                       | 9  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 31523              | Women's and girls' cut and sew apparel manufacturing .....                  | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 315239             | Women's and girls' cut and sew other outerwear manufacturing .....          | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 323                | Printing and related support activities .....                               | 1  | 25                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 3231               | Printing and related support activities .....                               | 1  | 25                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 32311              | Printing .....  | 1  | 21                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 323110             | Commercial lithographic printing .....                                      | 1  | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |         |
| 325                | Chemical manufacturing .....  | -  | 18                              | 12                        |                     | 1 037             | 52 417              | 726           | 1 452           | 33 802                | 263 654                           | 240 879                            | 502 474                              | D       |
| 3251               | Basic chemical manufacturing .....  | -  | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | 24 550  |
| 32518              | Other basic inorganic chemical manufacturing .....                          | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 325188             | All other basic inorganic chemical manufacturing .....                      | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 326                | Plastics and rubber products manufacturing .....                            | -  | 15                              | 9                         |                     | 986               | 31 195              | 792           | 1 595           | 21 241                | 116 563                           | 81 850                             | 199 430                              | D       |
| 3261               | Plastics product manufacturing .....  | -  | 14                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 32619              | Other plastics product manufacturing .....                                  | -  | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 326199             | All other plastics product manufacturing .....                              | -  | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 327                | Nonmetallic mineral product manufacturing .....                             | 2  | 31                              | 15                        |                     | 1 321             | 58 852              | 1 012         | 2 035           | 41 676                | 244 804                           | 130 342                            | 364 541                              | D       |
| 3273               | Cement and concrete product manufacturing .....                             | 2  | 16                              | 10                        |                     | 1 057             | 49 752              | 809           | 1 604           | 35 386                | 222 632                           | 116 877                            | 328 962                              | D       |
| 32731              | Cement manufacturing .....  | 2  | 5                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 327310             | Cement manufacturing .....  | 2  | 5                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 331                | Primary metal manufacturing .....   | -  | 7                               | 6                         |                     | 885               | 38 489              | 696           | 1 362           | 26 439                | 87 791                            | 71 468                             | 153 075                              | 10 315  |
| 332                | Fabricated metal product manufacturing .....                                | 2  | 73                              | 23                        |                     | 1 697             | 70 896              | 1 243         | 2 408           | 46 892                | 191 826                           | 99 381                             | 276 282                              | 6 216   |
| 3327               | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 4  | 35                              | 12                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33271              | Machine shops .....   | 4  | 29                              | 11                        |                     | 757               | 32 814              | 571           | 1 215           | 22 847                | 63 598                            | 18 422                             | 80 792                               | 2 990   |
| 332710             | Machine shops .....   | 4  | 29                              | 11                        |                     | 757               | 32 814              | 571           | 1 215           | 22 847                | 63 598                            | 18 422                             | 80 792                               | 2 990   |
| 334                | Computer and electronic product manufacturing .....                         | 2  | 17                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 339                | Miscellaneous manufacturing .....   | -  | 33                              | 10                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 3399               | Other miscellaneous manufacturing .....                                     | -  | 25                              | 8                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33994              | Office supplies (except paper) manufacturing .....                          | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 339942             | Lead pencil and art good manufacturing .....                                | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 33999              | All other miscellaneous manufacturing .....                                 | -  | 15                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |
| 339992             | Musical instrument manufacturing .....                                      | -  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    | D       |

See footnotes at end of table.

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| NAICS code            | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                       |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>NORTHUMBERLAND</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                 | Manufacturing .....  | -  | 111                             | 43                        | 6 310               | 199 607           | 4 759               | 9 711         | 130 820         | 463 991               | 717 481                           | 1 169 859                          | 59 093                               |
| 311                   | Food manufacturing .....   | -  | 17                              | 5                         | 2 183               | 72 405            | 1 457               | 3 296         | 41 059          | 121 620               | 277 860                           | 398 469                            | 38 165                               |
| 3114                  | Fruit and vegetable preserving and specialty food manufacturing .....    | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142                 | Fruit and vegetable canning, pickling, and drying .....                  | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311422                | Specialty canning .....  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118                  | Bakeries and tortilla manufacturing .....                                | -  | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181                 | Bread and bakery product manufacturing .....                             | -  | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812                | Commercial bakeries .....  | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313                   | Textile mills .....  | 3  | 7                               | 5                         | 523                 | 16 257            | 411                 | 841           | 11 320          | 68 046                | 70 844                            | 137 395                            | 2 685                                |
| 321                   | Wood product manufacturing .....   | -  | 9                               | 5                         | 897                 | 26 793            | 726                 | 1 376         | 18 529          | 73 919                | 78 842                            | 151 492                            | 2 827                                |
| 3219                  | Other wood product manufacturing .....                                   | -  | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191                 | Millwork .....   | -  | 3                               | 3                         | 545                 | 16 347            | 430                 | 837           | 10 682          | 47 315                | 53 696                            | 100 774                            | D                                    |
| 336                   | Transportation equipment manufacturing .....                             | -  | 7                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362                  | Motor vehicle body and trailer manufacturing .....                       | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 279                                  |
| 33621                 | Motor vehicle body and trailer manufacturing .....                       | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 279                                  |
| 336213                | Motor home manufacturing ..  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>PERRY</b>          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                 | Manufacturing .....  | 2  | 42                              | 7                         | 900                 | 26 925            | 740                 | 1 437         | 18 710          | 64 851                | 64 652                            | 128 635                            | 2 376                                |
| <b>PHILADELPHIA</b>   |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                 | Manufacturing .....  | 1  | 1 142                           | 327                       | 142 922             | 1 619 410         | 129 430             | 157 272       | 1904 104        | 14 738 528            | 17 051 014                        | 111 639 946                        | 1213 094                             |
| 311                   | Food manufacturing .....   | 1  | 167                             | 39                        | 6 705               | 275 035           | 3 916               | 7 923         | 141 674         | 923 243               | 660 832                           | 1 572 643                          | 31 390                               |
| 3116                  | Animal slaughtering and processing .....                                 | 1  | 19                              | 9                         | 1 032               | 39 253            | 692                 | 1 551         | 20 449          | 98 111                | 235 482                           | 332 146                            | 10 177                               |
| 31161                 | Animal slaughtering and processing .....                                 | 1  | 19                              | 9                         | 1 032               | 39 253            | 692                 | 1 551         | 20 449          | 98 111                | 235 482                           | 332 146                            | 10 177                               |
| 311615                | Poultry processing .....   | -  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118                  | Bakeries and tortilla manufacturing .....                                | -  | 106                             | 18                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 16 278                               |
| 31181                 | Bread and bakery product manufacturing .....                             | -  | 100                             | 16                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812                | Commercial bakeries .....  | -  | 29                              | 12                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 10 583                               |
| 31182                 | Cookie, cracker, and pasta manufacturing .....                           | -  | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821                | Cookie and cracker manufacturing .....                                   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312                   | Beverage and tobacco product manufacturing .....                         | 1  | 10                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3121                  | Beverage manufacturing .....   | 1  | 6                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211                 | Soft drink and ice manufacturing .....                                   | -  | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111                | Soft drink manufacturing .....   | -  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313                   | Textile mills .....  | 1  | 24                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315                   | Apparel manufacturing .....  | 3  | 112                             | 32                        | 4 062               | 92 290            | 3 116               | 5 506         | 51 241          | 121 904               | 216 742                           | 346 592                            | D                                    |
| 3152                  | Cut and sew apparel manufacturing .....                                  | 3  | 93                              | 28                        | 3 853               | 87 455            | 2 946               | 5 179         | 48 169          | 113 313               | 207 859                           | 329 006                            | D                                    |
| 31521                 | Cut and sew apparel contractors .....                                    | 7  | 59                              | 16                        | 1 467               | 21 443            | 1 314               | 2 201         | 18 020          | 45 418                | 6 531                             | 51 863                             | D                                    |
| 315211                | Men's and boys' cut and sew apparel contractors .....                    | 9  | 15                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315212                | Women's, girls', and infants' cut and sew apparel contractors .....      | 4  | 44                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31522                 | Men's and boys' cut and sew apparel manufacturing .....                  | 3  | 13                              | 5                         | 967                 | 25 417            | 613                 | 1 123         | 11 567          | 40 391                | 54 004                            | 93 044                             | D                                    |
| 315222                | Men's and boys' cut and sew suit, coat, and overcoat manufacturing ..... | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523                 | Women's and girls' cut and sew apparel manufacturing .....               | 1  | 13                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315232                | Women's and girls' cut and sew blouse and shirt manufacturing .....      | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| NAICS code               | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PHILADELPHIA—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 322                      | Paper manufacturing .....  | 2              | 40                              | 23                        | 2 440               | 108 002           | 1 755               | 3 584         | 66 810          | 263 331               | 348 998                           | 611 152                            | 12 954                               |
| 3222                     | Converted paper product manufacturing .....  | —              | 37                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221                    | Paperboard container manufacturing .....   | —              | 21                              | 14                        | 1 166               | 49 351            | 827                 | 1 596         | 27 889          | 102 765               | 130 527                           | 233 073                            | 7 074                                |
| 322211                   | Corrugated and solid fiber box manufacturing .....   | —              | 10                              | 8                         | 882                 | 39 842            | 593                 | 1 118         | 21 296          | 82 618                | 112 444                           | 194 334                            | 5 528                                |
| 323                      | Printing and related support activities .....  | 1              | 143                             | 36                        | 3 309               | 143 299           | 2 130               | 4 240         | 78 575          | 286 464               | 171 172                           | 457 549                            | 11 127                               |
| 3231                     | Printing and related support activities .....  | 1              | 143                             | 36                        | 3 309               | 143 299           | 2 130               | 4 240         | 78 575          | 286 464               | 171 172                           | 457 549                            | 11 127                               |
| 32311                    | Printing .....   | 1              | 121                             | 33                        | 3 006               | 128 324           | 1 936               | 3 868         | 70 723          | 259 710               | 165 615                           | 425 288                            | 10 164                               |
| 323110                   | Commercial lithographic printing .....   | —              | 64                              | 19                        | 1 942               | 91 300            | 1 215               | 2 552         | 49 981          | 171 605               | 113 900                           | 283 976                            | 7 427                                |
| 324                      | Petroleum and coal products manufacturing .....  | —              | 5                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241                     | Petroleum and coal products manufacturing .....  | —              | 5                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32411                    | Petroleum refineries .....   | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110                   | Petroleum refineries .....   | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                      | Chemical manufacturing .....   | 2              | 50                              | 30                        | 3 321               | 143 732           | 1 958               | 3 833         | 66 558          | 571 823               | 409 625                           | 974 309                            | 40 087                               |
| 3252                     | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | —              | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32521                    | Resin and synthetic rubber manufacturing .....   | —              | 6                               | 6                         | 886                 | 32 814            | 628                 | 780           | 18 263          | 61 979                | 132 231                           | 192 521                            | 2 533                                |
| 325211                   | Plastics material and resin manufacturing .....  | —              | 6                               | 6                         | 886                 | 32 814            | 628                 | 780           | 18 263          | 61 979                | 132 231                           | 192 521                            | 2 533                                |
| 3254                     | Pharmaceutical and medicine manufacturing .....  | 4              | 5                               | 5                         | 1 135               | 48 807            | 580                 | 1 409         | 20 060          | 123 376               | 80 829                            | 197 249                            | 30 569                               |
| 32541                    | Pharmaceutical and medicine manufacturing .....  | 4              | 5                               | 5                         | 1 135               | 48 807            | 580                 | 1 409         | 20 060          | 123 376               | 80 829                            | 197 249                            | 30 569                               |
| 325412                   | Pharmaceutical preparation manufacturing .....   | 4              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                      | Plastics and rubber products manufacturing .....   | 6              | 33                              | 13                        | 1 096               | 40 042            | 798                 | 1 733         | 23 836          | 91 692                | 84 739                            | 176 991                            | 5 736                                |
| 3261                     | Plastics product manufacturing ..  | 6              | 28                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                      | Fabricated metal product manufacturing .....   | 4              | 166                             | 40                        | 3 951               | 157 170           | 2 992               | 6 324         | 98 394          | 434 573               | 206 684                           | 561 633                            | 23 623                               |
| 3323                     | Architectural and structural metals manufacturing .....                                    | 5              | 54                              | 14                        | 2 393               | 97 788            | 1 879               | 4 090         | 64 349          | 277 598               | 125 676                           | 325 527                            | 18 836                               |
| 33231                    | Plate work and fabricated structural product manufacturing .....                           | 9              | 11                              | 4                         | 1 116               | 60 002            | 864                 | 2 025         | 41 313          | 190 599               | 59 046                            | 170 888                            | D                                    |
| 332312                   | Fabricated structural metal manufacturing .....  | 9              | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232                    | Ornamental and architectural metal products manufacturing .....                            | 1              | 43                              | 10                        | 1 277               | 37 786            | 1 015               | 2 065         | 23 036          | 86 999                | 66 630                            | 154 639                            | D                                    |
| 332322                   | Sheet metal work manufacturing .....   | 1              | 17                              | 5                         | 756                 | 21 448            | 622                 | 1 272         | 13 193          | 48 866                | 38 342                            | 87 497                             | 1 320                                |
| 333                      | Machinery manufacturing .....  | 5              | 54                              | 18                        | 1 293               | 51 227            | 836                 | 1 578         | 27 918          | 97 423                | 75 370                            | 172 974                            | 3 060                                |
| 334                      | Computer and electronic product manufacturing .....  | 2              | 26                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 852                                |
| 3345                     | Navigational, measuring, electromedical, and control instruments manufacturing .....       | 2              | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 420                                |
| 33451                    | Navigational, measuring, electromedical, and control instruments manufacturing .....       | 2              | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 420                                |
| 335                      | Electrical equipment, appliance, and component manufacturing .....                         | 2              | 25                              | 12                        | 2 848               | 93 102            | 2 013               | 3 902         | 48 563          | 163 393               | 326 676                           | 502 395                            | D                                    |
| 3351                     | Electric lighting equipment manufacturing .....  | 4              | 18                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33512                    | Lighting fixture manufacturing ..  | 4              | 18                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335121                   | Residential electric lighting fixture manufacturing .....                                  | 3              | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335122                   | Commercial, industrial, and institutional electric lighting fixture manufacturing .....    | 4              | 7                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353                     | Electrical equipment manufacturing .....   | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531                    | Electrical equipment manufacturing .....   | —              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335313                   | Switchgear and switchboard apparatus manufacturing .....                                   | —              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PHILADELPHIA—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 336                      | Transportation equipment manufacturing .....                                    | —  | 18                              | 11                        | 4 876               | 142 925           | 3 965               | 7 061         | 102 884         | 280 996               | 247 451                           | 494 886                            | D                                    |
| 3363                     | Motor vehicle parts manufacturing .....   | —  | 16                              | 11                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33632                    | Motor vehicle electrical and electronic equipment manufacturing .....           | —  | 7                               | 4                         | 2 709               | 53 495            | 2 221               | 4 057         | 36 101          | 91 500                | 105 084                           | 159 642                            | D                                    |
| 336322                   | Other motor vehicle electrical and electronic equipment manufacturing .....     | —  | 7                               | 4                         | 2 709               | 53 495            | 2 221               | 4 057         | 36 101          | 91 500                | 105 084                           | 159 642                            | D                                    |
| 33634                    | Motor vehicle brake system manufacturing .....                                  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336340                   | Motor vehicle brake system manufacturing .....                                  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                      | Furniture and related product manufacturing .....                               | 2  | 68                              | 15                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 342                                |
| 3372                     | Office furniture (including fixtures) manufacturing .....                       | —  | 17                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 175                                |
| 33721                    | Office furniture (including fixtures) manufacturing .....                       | —  | 17                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 175                                |
| 337215                   | Showcase, partition, shelving, and locker manufacturing .....                   | —  | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 910                                |
| 339                      | Miscellaneous manufacturing .....   | 4  | 126                             | 25                        | 2 358               | 86 865            | 1 624               | 3 040         | 41 492          | 219 784               | 157 515                           | 370 870                            | 6 277                                |
| 3391                     | Medical equipment and supplies manufacturing .....                              | 4  | 46                              | 9                         | 629                 | 25 948            | 419                 | 767           | 11 879          | 44 775                | 23 830                            | 68 880                             | 2 765                                |
| 33911                    | Medical equipment and supplies manufacturing .....                              | 4  | 46                              | 9                         | 629                 | 25 948            | 419                 | 767           | 11 879          | 44 775                | 23 830                            | 68 880                             | 2 765                                |
| 3399                     | Other miscellaneous manufacturing .....   | 4  | 80                              | 16                        | 1 729               | 60 917            | 1 205               | 2 273         | 29 613          | 175 009               | 133 685                           | 301 990                            | 3 512                                |
| 33999                    | All other miscellaneous manufacturing .....                                     | 4  | 29                              | 8                         | 916                 | 29 766            | 684                 | 1 234         | 15 890          | 97 206                | 72 404                            | 163 963                            | 1 716                                |
| <b>POTTER</b>            |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | 1  | 26                              | 10                        | 938                 | 24 932            | 795                 | 1 532         | 17 070          | 73 088                | 60 029                            | 134 458                            | 4 224                                |
| <b>SCHUYLKILL</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | 1  | 202                             | 91                        | 12 057              | 397 220           | 9 505               | 18 909        | 274 711         | 1 409 129             | 1 104 456                         | 2 529 575                          | 60 665                               |
| 311                      | Food manufacturing .....  | —  | 22                              | 6                         | 786                 | 23 295            | 624                 | 1 258         | 15 889          | 89 821                | 97 901                            | 187 522                            | 2 478                                |
| 313                      | Textile mills .....   | 8  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315                      | Apparel manufacturing .....   | 1  | 20                              | 13                        | 1 671               | 33 431            | 1 466               | 2 915         | 26 412          | 91 306                | 96 874                            | 207 860                            | 6 267                                |
| 3151                     | Apparel knitting mills .....  | —  | 9                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31519                    | Other apparel knitting mills .....  | —  | 9                               | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315192                   | Underwear and nightwear knitting mills .....                                    | —  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152                     | Cut and sew apparel manufacturing .....   | 4  | 10                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321                      | Wood product manufacturing .....  | —  | 14                              | 7                         | 1 018               | 29 126            | 855                 | 1 582         | 20 696          | 77 512                | 125 847                           | 203 857                            | 2 258                                |
| 3219                     | Other wood product manufacturing .....  | —  | 9                               | 5                         | 933                 | 26 923            | 774                 | 1 425         | 18 667          | 69 904                | 121 120                           | 191 522                            | 1 993                                |
| 32191                    | Millwork .....  | —  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                      | Chemical manufacturing .....  | —  | 11                              | 6                         | 629                 | 40 725            | 410                 | 931           | 25 072          | 201 285               | 74 304                            | 283 799                            | D                                    |
| 3251                     | Basic chemical manufacturing .....  | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                      | Plastics and rubber products manufacturing .....                                | —  | 14                              | 10                        | 1 712               | 57 812            | 1 339               | 2 467         | 42 795          | 219 743               | 144 201                           | 356 825                            | 9 310                                |
| 3261                     | Plastics product manufacturing .....  | —  | 12                              | 10                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611                    | Plastics packaging materials and unlaminated film and sheet manufacturing ..... | —  | 7                               | 7                         | 1 062               | 39 608            | 782                 | 1 544         | 26 955          | 173 776               | 104 881                           | 272 158                            | 5 633                                |
| 326113                   | Unlaminated plastics film and sheet (except packaging) manufacturing .....      | —  | 3                               | 3                         | 656                 | 29 366            | 510                 | 1 017         | 19 985          | 119 730               | 70 527                            | 185 803                            | 3 837                                |
| 32619                    | Other plastics product manufacturing .....                                      | —  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                   | All other plastics product manufacturing .....                                  | —  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                      | Primary metal manufacturing .....   | —  | 7                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313                     | Alumina and aluminum production and processing .....                            | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131                    | Alumina and aluminum production and processing .....                            | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331316                   | Aluminum extruded product manufacturing .....                                   | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                      | Fabricated metal product manufacturing .....                                    | 1  | 31                              | 9                         | 835                 | 25 523            | 710                 | 1 510         | 19 759          | 74 518                | 54 748                            | 130 346                            | 1 490                                |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

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| NAICS code             | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                        |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>SCHUYLKILL—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 333                    | Machinery manufacturing .....   | —              | 18                              | 8                         | 950                 | 32 460            | 712                 | 1 433         | 20 812          | 73 619                | 45 894                            | 120 372                            | 3 969                                |
| <b>SNYDER</b>          |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 1              | 75                              | 34                        | 5 669               | 162 828           | 4 695               | 9 090         | 116 545         | 333 861               | 344 380                           | 675 655                            | 11 935                               |
| 321                    | Wood product manufacturing .....  | —              | 21                              | 11                        | 1 717               | 49 448            | 1 442               | 2 884         | 34 442          | 91 908                | 114 397                           | 205 008                            | 4 167                                |
| 3219                   | Other wood product manufacturing .....  | —              | 16                              | 10                        | 1 605               | 46 049            | 1 345               | 2 726         | 32 139          | 85 180                | 106 928                           | 190 799                            | 3 795                                |
| 32191                  | Millwork .....  | —              | 6                               | 4                         | 601                 | 16 243            | 522                 | 1 078         | 12 712          | 25 924                | 39 771                            | 64 925                             | 1 988                                |
| 32199                  | All other wood product manufacturing .....                                    | —              | 4                               | 4                         | 916                 | 27 810            | 742                 | 1 487         | 17 780          | 53 907                | 60 882                            | 114 307                            | 1 512                                |
| 321992                 | Prefabricated wood building manufacturing .....                               | —              | 4                               | 4                         | 916                 | 27 810            | 742                 | 1 487         | 17 780          | 53 907                | 60 882                            | 114 307                            | 1 512                                |
| 337                    | Furniture and related product manufacturing .....                             | —              | 11                              | 4                         | 2 049               | 64 847            | 1 676               | 3 077         | 47 115          | 127 490               | 58 115                            | 184 834                            | 1 825                                |
| 3371                   | Household and institutional furniture and kitchen cabinet manufacturing ..... | —              | 10                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711                  | Wood kitchen cabinet and countertop manufacturing ....                        | —              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110                 | Wood kitchen cabinet and countertop manufacturing ..                          | —              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>SOMERSET</b>        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | —              | 128                             | 40                        | 4 623               | 141 574           | 3 447               | 6 766         | 86 852          | 333 241               | 384 031                           | 714 260                            | 18 055                               |
| 332                    | Fabricated metal product manufacturing .....                                  | —              | 19                              | 7                         | 703                 | 23 936            | 551                 | 1 026         | 15 601          | 46 950                | 42 572                            | 87 451                             | 1 456                                |
| 333                    | Machinery manufacturing .....   | —              | 13                              | 3                         | 607                 | 17 129            | 481                 | 942           | 11 935          | 45 030                | 27 547                            | 74 771                             | 1 784                                |
| 3331                   | Agriculture, construction, and mining machinery manufacturing .....           | —              | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                    | Transportation equipment manufacturing .....                                  | 1              | 10                              | 7                         | 1 174               | 40 597            | 933                 | 1 926         | 25 349          | 81 184                | 121 353                           | 200 711                            | 2 652                                |
| 3362                   | Motor vehicle body and trailer manufacturing .....                            | 1              | 9                               | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621                  | Motor vehicle body and trailer manufacturing .....                            | 1              | 9                               | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336214                 | Travel trailer and camper manufacturing .....                                 | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>SUSQUEHANNA</b>     |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 3              | 59                              | 12                        | 827                 | 24 546            | 641                 | 1 413         | 16 462          | 76 272                | 56 626                            | 131 727                            | 12 010                               |
| <b>TIOGA</b>           |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | —              | 42                              | 16                        | 2 958               | 82 325            | 2 486               | 4 508         | 57 541          | 245 697               | 241 344                           | 488 023                            | 19 163                               |
| 332                    | Fabricated metal product manufacturing .....                                  | —              | 9                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3329                   | Other fabricated metal product manufacturing .....                            | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33291                  | Metal valve manufacturing ....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332919                 | Other metal valve and pipe fitting manufacturing .....                        | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>UNION</b>           |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | —              | 33                              | 15                        | 2 988               | 89 683            | 2 392               | 4 654         | 59 956          | 274 442               | 224 876                           | 490 886                            | 12 495                               |
| 321                    | Wood product manufacturing .....  | —              | 7                               | 3                         | 733                 | 23 223            | 519                 | 1 122         | 10 482          | 52 063                | 56 064                            | 109 914                            | 1 936                                |
| 3219                   | Other wood product manufacturing .....  | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199                  | All other wood product manufacturing .....                                    | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321991                 | Manufactured home (mobile home) manufacturing .....                           | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                    | Furniture and related product manufacturing .....                             | —              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371                   | Household and institutional furniture and kitchen cabinet manufacturing ..... | —              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711                  | Wood kitchen cabinet and countertop manufacturing ....                        | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110                 | Wood kitchen cabinet and countertop manufacturing ..                          | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

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|-------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>VENANGO</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | 2  | 90                              | 32                        | 3 865               | 154 469           | 2 738               | 5 292         | 86 240          | 342 508               | 426 061                           | 773 275                            | 22 919                               |
| 331               | Primary metal manufacturing .....                                   | —  | 7                               | 6                         | 611                 | 22 620            | 487                 | 1 157         | 16 226          | 49 101                | 91 707                            | 140 135                            | 1 659                                |
| 333               | Machinery manufacturing .....                                       | —  | 12                              | 3                         | 1 333               | 63 866            | 816                 | 1 611         | 30 150          | 117 228               | 145 166                           | 265 970                            | D                                    |
| 3331              | Agriculture, construction, and mining machinery manufacturing ..... | —  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33313             | Mining and oil and gas field machinery manufacturing .....          | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333131            | Mining machinery and equipment manufacturing ..                     | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WARREN</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | —  | 78                              | 26                        | 3 871               | 133 504           | 2 730               | 5 284         | 82 072          | 395 007               | 802 732                           | 1 192 556                          | 16 555                               |
| 324               | Petroleum and coal products manufacturing .....                     | —  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241              | Petroleum and coal products manufacturing .....                     | —  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32411             | Petroleum refineries .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110            | Petroleum refineries .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326               | Plastics and rubber products manufacturing .....                    | 1  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 325                                |
| 3261              | Plastics product manufacturing ..                                   | —  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619             | Other plastics product manufacturing .....                          | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199            | All other plastics product manufacturing .....                      | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332               | Fabricated metal product manufacturing .....                        | —  | 17                              | 4                         | 853                 | 32 151            | 649                 | 1 190         | 21 112          | 87 305                | 39 620                            | 128 976                            | 1 280                                |
| <b>WASHINGTON</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | 1  | 268                             | 101                       | 10 248              | 393 991           | 7 080               | 14 335        | 234 480         | '1 109 413            | 1 429 026                         | '2 595 854                         | 50 253                               |
| 322               | Paper manufacturing .....   | 1  | 7                               | 7                         | 586                 | 21 536            | 448                 | 994           | 13 946          | 66 227                | 91 317                            | 157 028                            | 2 511                                |
| 3222              | Converted paper product manufacturing .....                         | 1  | 7                               | 7                         | 586                 | 21 536            | 448                 | 994           | 13 946          | 66 227                | 91 317                            | 157 028                            | 2 511                                |
| 32221             | Paperboard container manufacturing .....                            | 1  | 6                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322211            | Corrugated and solid fiber box manufacturing .....                  | 1  | 6                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325               | Chemical manufacturing .....  | 3  | 17                              | 11                        | 912                 | 40 053            | 564                 | 1 042         | 20 410          | 149 392               | 202 090                           | 368 956                            | 9 345                                |
| 327               | Nonmetallic mineral product manufacturing .....                     | 5  | 17                              | 4                         | 808                 | 28 342            | 659                 | 1 272         | 20 305          | 61 172                | 27 878                            | 89 372                             | 2 470                                |
| 3272              | Glass and glass product manufacturing .....                         | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721             | Glass and glass product manufacturing .....                         | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212            | Other pressed and blown glass and glassware manufacturing .....     | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331               | Primary metal manufacturing .....                                   | 1  | '17                             | '14                       | '1 659              | '88 276           | '1 214              | '2 646        | '63 403         | '231 344              | '518 685                          | '769 043                           | D                                    |
| 3311              | Iron and steel mills and ferroalloy manufacturing .....             | 1  | 5                               | 5                         | 961                 | 55 546            | 769                 | 1 714         | 45 004          | 148 176               | 415 018                           | 584 003                            | 4 019                                |
| 33111             | Iron and steel mills and ferroalloy manufacturing .....             | 1  | 5                               | 5                         | 961                 | 55 546            | 769                 | 1 714         | 45 004          | 148 176               | 415 018                           | 584 003                            | 4 019                                |
| 331111            | Iron and steel mills .....  | 1  | 5                               | 5                         | 961                 | 55 546            | 769                 | 1 714         | 45 004          | 148 176               | 415 018                           | 584 003                            | 4 019                                |
| 332               | Fabricated metal product manufacturing .....                        | '— | 66                              | 23                        | '2 072              | '68 560           | '1 592              | '3 113        | '43 159         | '198 393              | '137 653                          | '332 091                           | '8 252                               |
| 333               | Machinery manufacturing .....                                       | —  | 25                              | 9                         | 968                 | 43 651            | 587                 | 1 189         | 23 584          | 125 689               | 144 769                           | 272 560                            | 5 282                                |
| 335               | Electrical equipment, appliance, and component manufacturing .....  | —  | 9                               | 7                         | 1 313               | 48 503            | 683                 | 1 438         | 19 838          | 133 856               | 204 447                           | 359 846                            | 6 064                                |
| 3359              | Other electrical equipment and component manufacturing .....        | 1  | 5                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33592             | Communication and energy wire and cable manufacturing ..            | 1  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335929            | Other communication and energy wire manufacturing ..                | 1  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WAYNE</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | 2  | 74                              | 10                        | 783                 | 25 079            | 574                 | 1 136         | 15 052          | '57 099               | '74 370                           | '130 566                           | 2 141                                |

See footnotes at end of table.

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|---------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                     |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>WESTMORELAND</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1  | 596                             | 192                       | 22 021              | 820 579           | 14 917              | 30 173        | 459 392         | 2 035 002             | 2 974 891                         | 4 949 474                          | 130 474                              |
| 322                 | Paper manufacturing .....   | -  | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222                | Converted paper product manufacturing .....                                 | -  | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223               | Stationery product manufacturing .....                                      | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322232              | Envelope manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                 | Plastics and rubber products manufacturing .....                            | 2  | 35                              | 23                        | 2 065               | 66 767            | 1 436               | 2 872         | 35 856          | 173 270               | 133 605                           | 306 003                            | 10 953                               |
| 3261                | Plastics product manufacturing ..   | 2  | 28                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619               | Other plastics product manufacturing .....                                  | 2  | 22                              | 16                        | 1 444               | 45 194            | 972                 | 1 909         | 21 835          | 122 653               | 86 267                            | 209 088                            | 8 515                                |
| 326199              | All other plastics product manufacturing .....                              | 2  | 22                              | 16                        | 1 444               | 45 194            | 972                 | 1 909         | 21 835          | 122 653               | 86 267                            | 209 088                            | 8 515                                |
| 327                 | Nonmetallic mineral product manufacturing .....                             | 1  | 36                              | 9                         | 863                 | 27 393            | 646                 | 1 347         | 18 020          | 49 786                | 40 109                            | 97 630                             | 5 118                                |
| 3272                | Glass and glass product manufacturing .....                                 | 1  | 12                              | 5                         | 514                 | 15 701            | 426                 | 896           | 11 641          | 20 386                | 16 920                            | 47 571                             | 3 153                                |
| 32721               | Glass and glass product manufacturing .....                                 | 1  | 12                              | 5                         | 514                 | 15 701            | 426                 | 896           | 11 641          | 20 386                | 16 920                            | 47 571                             | 3 153                                |
| 331                 | Primary metal manufacturing .....   | 1  | 25                              | 14                        | 2 642               | 118 016           | 2 037               | 4 156         | 88 794          | 205 320               | 470 130                           | 678 824                            | 18 525                               |
| 3311                | Iron and steel mills and ferroalloy manufacturing .....                     | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111               | Iron and steel mills and ferroalloy manufacturing .....                     | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111              | Iron and steel mills .....  | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312                | Steel product manufacturing from purchased steel .....                      | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122               | Rolling and drawing of purchased steel .....                                | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331221              | Rolled steel shape manufacturing .....                                      | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315                | Foundries .....   | 4  | 14                              | 7                         | 981                 | 34 148            | 789                 | 1 685         | 26 052          | 75 071                | 58 810                            | 133 269                            | 5 907                                |
| 332                 | Fabricated metal product manufacturing .....                                | 2  | 177                             | 59                        | 3 843               | 127 797           | 2 827               | 5 526         | 80 295          | 263 154               | 155 434                           | 417 661                            | 16 825                               |
| 3323                | Architectural and structural metals manufacturing .....                     | 3  | 29                              | 12                        | 741                 | 24 516            | 506                 | 1 031         | 13 414          | 55 696                | 36 469                            | 92 750                             | 1 823                                |
| 3327                | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 2  | 97                              | 24                        | 1 526               | 50 374            | 1 166               | 2 143         | 35 088          | 90 251                | 40 355                            | 129 349                            | 5 997                                |
| 33271               | Machine shops .....   | 2  | 82                              | 19                        | 1 210               | 41 845            | 887                 | 1 739         | 28 553          | 76 595                | 30 985                            | 106 451                            | 5 097                                |
| 332710              | Machine shops .....   | 2  | 82                              | 19                        | 1 210               | 41 845            | 887                 | 1 739         | 28 553          | 76 595                | 30 985                            | 106 451                            | 5 097                                |
| 333                 | Machinery manufacturing .....   | -  | 63                              | 23                        | 3 049               | 133 983           | 1 833               | 3 136         | 60 724          | 245 221               | 244 546                           | 439 287                            | 8 851                                |
| 3335                | Metalworking machinery manufacturing .....                                  | 1  | 39                              | 11                        | 1 369               | 52 901            | 979                 | 1 922         | 35 486          | 99 184                | 37 761                            | 139 924                            | 3 216                                |
| 33351               | Metalworking machinery manufacturing .....                                  | 1  | 39                              | 11                        | 1 369               | 52 901            | 979                 | 1 922         | 35 486          | 99 184                | 37 761                            | 139 924                            | 3 216                                |
| 333514              | Special die and tool, die set, jig, and fixture manufacturing .....         | -  | 22                              | 6                         | 641                 | 23 838            | 488                 | 979           | 16 565          | 38 111                | 16 436                            | 56 372                             | 1 357                                |
| 3339                | Other general purpose machinery manufacturing .....                         | -  | 11                              | 8                         | 1 523               | 76 070            | 744                 | 984           | 22 260          | 134 834               | 199 029                           | 280 240                            | 5 308                                |
| 33391               | Pump and compressor manufacturing .....                                     | -  | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333912              | Air and gas compressor manufacturing .....                                  | -  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                 | Computer and electronic product manufacturing .....                         | -  | 23                              | 10                        | 3 566               | 135 368           | 2 133               | 5 632         | 65 834          | 509 179               | 1 163 965                         | 1 651 737                          | 28 270                               |
| 3343                | Audio and video equipment manufacturing .....                               | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33431               | Audio and video equipment manufacturing .....                               | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334310              | Audio and video equipment manufacturing .....                               | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344                | Semiconductor and other electronic component manufacturing .....            | -  | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441               | Semiconductor and other electronic component manufacturing .....            | -  | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413              | Semiconductor and related device manufacturing .....                        | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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|--------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>WESTMORELAND—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 335                      | Electrical equipment, appliance, and component manufacturing .....    | —  | 16                              | 9                         | 1 189               | 52 886            | 700                 | 1 340         | 21 628          | 153 753               | 238 810                           | 388 948                            | 19 909                               |
| 3353                     | Electrical equipment manufacturing .....                              | —  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531                    | Electrical equipment manufacturing .....                              | —  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                      | Miscellaneous manufacturing .....                                     | —  | 41                              | 9                         | 987                 | 41 958            | 619                 | 1 252         | 19 325          | 69 063                | 163 492                           | 234 801                            | 6 693                                |
| 3391                     | Medical equipment and supplies manufacturing .....                    | —  | 15                              | 5                         | 574                 | 27 229            | 324                 | 638           | 9 628           | 28 940                | 99 333                            | 129 990                            | D                                    |
| 33911                    | Medical equipment and supplies manufacturing .....                    | —  | 15                              | 5                         | 574                 | 27 229            | 324                 | 638           | 9 628           | 28 940                | 99 333                            | 129 990                            | D                                    |
| <b>WYOMING</b>           |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | —  | 36                              | 6                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322                      | Paper manufacturing .....   | —  | 2                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3221                     | Pulp, paper, and paperboard mills .....                               | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212                    | Paper mills .....   | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121                   | Paper (except newsprint) mills .....                                  | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>YORK</b>              |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | 1  | 657                             | 293                       | 42 586              | 1 602 986         | 30 439              | 61 400        | 985 399         | 4 593 119             | 3 733 046                         | 8 277 669                          | 378 054                              |
| 311                      | Food manufacturing .....  | 2  | 42                              | 18                        | 5 441               | 172 945           | 3 958               | 8 291         | 105 683         | 669 258               | 493 076                           | 1 160 988                          | 20 036                               |
| 3114                     | Fruit and vegetable preserving and specialty food manufacturing ..... | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31141                    | Frozen food manufacturing ....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311411                   | Frozen fruit, juice, and vegetable manufacturing ...                  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118                     | Bakeries and tortilla manufacturing .....                             | 3  | 12                              | 4                         | 1 845               | 57 506            | 1 431               | 3 377         | 36 828          | 141 063               | 137 809                           | 279 064                            | 4 217                                |
| 31182                    | Cookie, cracker, and pasta manufacturing .....                        | 5  | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821                   | Cookie and cracker manufacturing .....                                | 5  | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119                     | Other food manufacturing .....  | 3  | 13                              | 9                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191                    | Snack food manufacturing .....  | 3  | 10                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919                   | Other snack food manufacturing .....                                  | 3  | 9                               | 8                         | 2 486               | 76 302            | 1 796               | 3 373         | 45 955          | 324 138               | 155 698                           | 478 166                            | 10 050                               |
| 315                      | Apparel manufacturing .....   | —  | 13                              | 7                         | 870                 | 20 156            | 717                 | 1 432         | 13 269          | 24 173                | 36 254                            | 67 075                             | D                                    |
| 3152                     | Cut and sew apparel manufacturing .....                               | —  | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321                      | Wood product manufacturing .....                                      | 1  | 25                              | 7                         | 581                 | 16 339            | 431                 | 779           | 10 036          | 35 504                | 27 458                            | 62 958                             | 1 394                                |
| 322                      | Paper manufacturing .....   | —  | 27                              | 20                        | 3 053               | 150 314           | 1 944               | 4 199         | 83 560          | 359 318               | 301 446                           | 656 213                            | 46 826                               |
| 3221                     | Pulp, paper, and paperboard mills .....                               | —  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212                    | Paper mills .....   | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121                   | Paper (except newsprint) mills .....                                  | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222                     | Converted paper product manufacturing .....                           | —  | 25                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221                    | Paperboard container manufacturing .....                              | —  | 18                              | 13                        | 1 099               | 38 295            | 868                 | 1 781         | 25 905          | 85 379                | 122 011                           | 207 474                            | D                                    |
| 322211                   | Corrugated and solid fiber box manufacturing .....                    | —  | 11                              | 8                         | 810                 | 30 152            | 624                 | 1 327         | 19 787          | 64 507                | 101 367                           | 165 967                            | D                                    |
| 32222                    | Paper bag and coated and treated paper manufacturing ..               | —  | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322222                   | Coated and laminated paper manufacturing .....                        | —  | 4                               | 3                         | 627                 | 25 373            | 282                 | 595           | 9 963           | 85 849                | 50 567                            | 135 601                            | D                                    |
| 323                      | Printing and related support activities .....                         | 1  | 61                              | 28                        | 4 057               | 141 402           | 2 970               | 5 936         | 91 277          | 336 505               | 246 650                           | 586 178                            | 19 705                               |
| 3231                     | Printing and related support activities .....                         | 1  | 61                              | 28                        | 4 057               | 141 402           | 2 970               | 5 936         | 91 277          | 336 505               | 246 650                           | 586 178                            | 19 705                               |
| 32311                    | Printing .....  | 1  | 52                              | 24                        | 3 757               | 128 678           | 2 749               | 5 471         | 83 724          | 321 584               | 234 554                           | 559 920                            | 19 390                               |
| 323110                   | Commercial lithographic printing .....                                | 1  | 29                              | 13                        | 2 250               | 76 402            | 1 667               | 3 413         | 52 096          | 182 968               | 113 383                           | 300 351                            | 9 340                                |
| 323117                   | Books printing .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code       | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                  |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>YORK—Con.</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 326              | Plastics and rubber products manufacturing .....  | —              | 30                              | 21                        | 2 563               | 80 641            | 2 109               | 4 128         | 57 019          | 257 821               | 228 368                           | 483 578                            | 21 019                               |
| 3261             | Plastics product manufacturing ..   | —              | 28                              | 21                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32616            | Plastics bottle manufacturing ..  | —              | 4                               | 4                         | 623                 | 20 661            | 552                 | 856           | 16 800          | 100 858               | 102 481                           | 204 244                            | D                                    |
| 326160           | Plastics bottle manufacturing ..  | —              | 4                               | 4                         | 623                 | 20 661            | 552                 | 856           | 16 800          | 100 858               | 102 481                           | 204 244                            | D                                    |
| 32619            | Other plastics product manufacturing .....  | 2              | 21                              | 14                        | 1 589               | 46 759            | 1 277               | 2 714         | 31 912          | 104 444               | 74 965                            | 178 746                            | 10 850                               |
| 326199           | All other plastics product manufacturing .....  | 2              | 20                              | 13                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327              | Nonmetallic mineral product manufacturing .....   | 2              | 30                              | 12                        | 2 177               | 59 617            | 1 579               | 3 126         | 41 900          | 179 616               | 126 385                           | 302 000                            | 7 094                                |
| 3271             | Clay product and refractory manufacturing .....   | 1              | 5                               | 4                         | 1 515               | 38 579            | 1 121               | 2 292         | 29 113          | 113 102               | 73 933                            | 183 474                            | 3 255                                |
| 32711            | Pottery, ceramics, and plumbing fixture manufacturing .....   | 9              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327112           | Vitreous china, fine earthenware, and other pottery product manufacturing .....   | 9              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3273             | Cement and concrete product manufacturing .....   | 3              | 18                              | 6                         | 573                 | 18 700            | 407                 | 743           | 11 493          | 60 404                | 50 107                            | 110 158                            | 3 706                                |
| 331              | Primary metal manufacturing .....   | 1              | 16                              | 11                        | 2 075               | 70 427            | 1 585               | 3 062         | 48 272          | 127 724               | 135 452                           | 264 343                            | 5 762                                |
| 3315             | Foundries .....   | 5              | 8                               | 5                         | 805                 | 27 482            | 658                 | 1 314         | 19 434          | 49 698                | 36 807                            | 86 270                             | 2 522                                |
| 33151            | Ferrous metal foundries .....   | 8              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331511           | Iron foundries .....  | 8              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332              | Fabricated metal product manufacturing .....  | —              | 141                             | 51                        | 4 013               | 152 354           | 2 901               | 5 668         | 94 793          | 388 190               | 303 484                           | 692 941                            | 21 799                               |
| 3323             | Architectural and structural metals manufacturing .....   | —              | 23                              | 13                        | 915                 | 34 489            | 675                 | 1 371         | 21 669          | 80 238                | 60 789                            | 143 607                            | 4 459                                |
| 33232            | Ornamental and architectural metal products manufacturing .....   | —              | 14                              | 7                         | 559                 | 21 256            | 400                 | 818           | 12 607          | 43 782                | 27 142                            | 71 448                             | 1 589                                |
| 3324             | Boiler, tank, and shipping container manufacturing .....  | —              | 8                               | 4                         | 652                 | 25 765            | 415                 | 749           | 13 197          | 55 250                | 115 586                           | 167 934                            | 1 603                                |
| 3327             | Machine shops; turned product; and screw, nut, and bolt manufacturing .....   | 1              | 61                              | 14                        | 818                 | 26 344            | 606                 | 1 153         | 17 377          | 52 866                | 25 985                            | 79 391                             | 6 470                                |
| 33271            | Machine shops .....   | 1              | 47                              | 10                        | 600                 | 20 343            | 433                 | 841           | 13 197          | 41 688                | 20 755                            | 62 429                             | 5 494                                |
| 332710           | Machine shops .....   | 1              | 47                              | 10                        | 600                 | 20 343            | 433                 | 841           | 13 197          | 41 688                | 20 755                            | 62 429                             | 5 494                                |
| 3329             | Other fabricated metal product manufacturing .....  | —              | 20                              | 6                         | 768                 | 33 631            | 599                 | 1 204         | 24 024          | 135 824               | 62 006                            | 198 795                            | D                                    |
| 33299            | All other fabricated metal product manufacturing .....  | —              | 19                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333              | Machinery manufacturing .....   | —              | 90                              | 44                        | 4 756               | 221 254           | 2 939               | 5 740         | 122 955         | 454 994               | 498 413                           | 949 851                            | D                                    |
| 3332             | Industrial machinery manufacturing .....  | —              | 12                              | 7                         | 738                 | 34 951            | 341                 | 724           | 13 258          | 106 109               | 93 441                            | 175 481                            | 1 077                                |
| 3334             | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —              | 13                              | 9                         | 1 539               | 71 233            | 1 156               | 2 031         | 51 149          | 114 240               | 190 814                           | 309 467                            | 2 465                                |
| 33341            | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | —              | 13                              | 9                         | 1 539               | 71 233            | 1 156               | 2 031         | 51 149          | 114 240               | 190 814                           | 309 467                            | 2 465                                |
| 333415           | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | —              | 10                              | 9                         | 1 531               | 70 955            | 1 150               | 2 019         | 51 001          | 113 649               | 190 322                           | 308 384                            | 2 449                                |
| 3336             | Engine, turbine, and power transmission equipment manufacturing .....   | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33361            | Engine, turbine, and power transmission equipment manufacturing .....   | —              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333611           | Turbine and turbine generator set units manufacturing .....   | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339             | Other general purpose machinery manufacturing .....   | —              | 22                              | 12                        | 865                 | 41 328            | 571                 | 1 184         | 23 358          | 90 641                | 74 349                            | 174 619                            | D                                    |
| 33399            | All other general purpose machinery manufacturing .....   | 1              | 13                              | 8                         | 673                 | 33 471            | 442                 | 892           | 19 154          | 69 729                | 64 280                            | 143 556                            | D                                    |

See footnotes at end of table.

**Table 3. Industry Statistics for Counties: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code       | Geographic area and industry   | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                  |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>YORK—Con.</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334              | Computer and electronic product manufacturing .....                                  | —              | 25                              | 18                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 25 263                               |
| 3344             | Semiconductor and other electronic component manufacturing .....                     | 1              | 15                              | 11                        | 1 666               | 67 734            | 859                 | 1 643         | 23 030          | 86 642                | 84 598                            | 175 703                            | 22 614                               |
| 33441            | Semiconductor and other electronic component manufacturing .....                     | 1              | 15                              | 11                        | 1 666               | 67 734            | 859                 | 1 643         | 23 030          | 86 642                | 84 598                            | 175 703                            | 22 614                               |
| 334417           | Electronic connector manufacturing .....   | —              | 5                               | 5                         | 1 107               | 48 431            | 504                 | 953           | 15 154          | 43 302                | 49 987                            | 94 316                             | D                                    |
| 3345             | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —              | 7                               | 6                         | 571                 | 22 557            | 362                 | 742           | 9 757           | 73 306                | 50 656                            | 128 114                            | 2 554                                |
| 33451            | Navigational, measuring, electromedical, and control instruments manufacturing ..... | —              | 7                               | 6                         | 571                 | 22 557            | 362                 | 742           | 9 757           | 73 306                | 50 656                            | 128 114                            | 2 554                                |
| 335              | Electrical equipment, appliance, and component manufacturing .....                   | 1              | 13                              | 7                         | 766                 | 30 450            | 501                 | 1 086         | 17 998          | 71 206                | 82 672                            | 154 253                            | 2 800                                |
| 336              | Transportation equipment manufacturing .....   | —              | 19                              | 13                        | 5 704               | 256 743           | 4 377               | 9 075         | 182 182         | 1 134 712             | 866 712                           | 1 950 572                          | D                                    |
| 3363             | Motor vehicle parts manufacturing .....  | —              | 13                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33633            | Motor vehicle steering and suspension component (except spring) manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336330           | Motor vehicle steering and suspension component (except spring) manufacturing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3369             | Other transportation equipment manufacturing .....                                   | —              | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33699            | Other transportation equipment manufacturing .....                                   | —              | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336991           | Motorcycle, bicycle, and parts manufacturing .....                                   | —              | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336992           | Military armored vehicle, tank, and tank component manufacturing .....               | —              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337              | Furniture and related product manufacturing .....                                    | 1              | 41                              | 15                        | 1 447               | 42 516            | 1 156               | 2 246         | 29 442          | 113 450               | 82 233                            | 193 024                            | 11 566                               |
| 3371             | Household and institutional furniture and kitchen cabinet manufacturing .....        | 1              | 31                              | 12                        | 1 071               | 30 429            | 855                 | 1 621         | 20 962          | 81 156                | 65 893                            | 147 071                            | 9 521                                |
| 33712            | Household and institutional furniture manufacturing .....                            | 2              | 18                              | 7                         | 577                 | 16 313            | 460                 | 884           | 11 010          | 36 224                | 45 442                            | 81 602                             | 7 863                                |
| 339              | Miscellaneous manufacturing .....  | 1              | 40                              | 13                        | 1 945               | 67 961            | 1 374               | 2 904         | 36 998          | 202 473               | 99 651                            | 301 279                            | D                                    |
| 3391             | Medical equipment and supplies manufacturing .....                                   | —              | 17                              | 5                         | 1 069               | 40 752            | 710                 | 1 545         | 19 618          | 132 193               | 50 308                            | 182 005                            | D                                    |
| 33911            | Medical equipment and supplies manufacturing .....                                   | —              | 17                              | 5                         | 1 069               | 40 752            | 710                 | 1 545         | 19 618          | 132 193               | 50 308                            | 182 005                            | D                                    |
| 3399             | Other miscellaneous manufacturing .....  | 3              | 23                              | 8                         | 876                 | 27 209            | 664                 | 1 359         | 17 380          | 70 280                | 49 343                            | 119 274                            | D                                    |

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 500 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 500 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: f—500 to 999 employees; g—1,000 to 2,499 employees; h—2,500 to 4,999 employees; i—5,000 to 9,999 employees; j—10,000 to 24,999 employees; k—25,000 to 49,999 employees; l—50,000 to 99,999 employees; m—100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 4. Industry Statistics for Places: 2002**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code          | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                     |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>ALLENTOWN</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1  | 205                             | 46                        | 5 748               | 272 468           | 3 526               | 7 139         | 130 658         | 350 491               | 303 276                           | 669 057                            | 80 234                               |
| 334                 | Computer and electronic product manufacturing .....                 | -  | 9                               | 3                         | 2 237               | 157 013           | 997                 | 2 276         | 64 071          | 58 582                | 93 001                            | 164 553                            | D                                    |
| 3344                | Semiconductor and other electronic component manufacturing .....    | -  | 4                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441               | Semiconductor and other electronic component manufacturing .....    | -  | 4                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413              | Semiconductor and related device manufacturing .....                | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>ALTOONA</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 3  | 60                              | 18                        | 1 410               | 40 503            | 1 127               | 2 072         | 27 733          | 149 697               | 132 091                           | 283 488                            | 4 978                                |
| <b>AMBRIDGE</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1  | 23                              | 11                        | 673                 | 23 488            | 510                 | 987           | 15 515          | 33 460                | 101 329                           | 133 304                            | 2 681                                |
| <b>ANTRIM</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | -  | 26                              | 9                         | 2 168               | 94 720            | 1 315               | 2 530         | 40 727          | 197 367               | 331 701                           | 530 591                            | 6 657                                |
| 333                 | Machinery manufacturing .....                                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3331                | Agriculture, construction, and mining machinery manufacturing ..... | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33312               | Construction machinery manufacturing .....                          | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333120              | Construction machinery manufacturing .....                          | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>ASHLAND</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | -  | 10                              | 4                         | 975                 | 31 814            | 767                 | 1 457         | 21 152          | 83 492                | 63 294                            | 139 858                            | 5 056                                |
| <b>ASTON</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 4  | 32                              | 10                        | 649                 | 28 459            | 410                 | 886           | 13 566          | 74 154                | 54 888                            | 128 761                            | 1 886                                |
| <b>BATH</b>         |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 5  | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BEAVER FALLS</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1  | 20                              | 7                         | 615                 | 24 021            | 460                 | 876           | 16 254          | 69 196                | 47 890                            | 120 653                            | 6 128                                |
| <b>BENSALEM</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 3  | 135                             | 48                        | 4 105               | 152 675           | 2 566               | 5 316         | 74 500          | 372 546               | 316 220                           | 690 418                            | 14 151                               |
| 323                 | Printing and related support activities .....                       | 7  | 23                              | 6                         | 802                 | 29 273            | 341                 | 767           | 9 933           | 75 458                | 21 817                            | 97 283                             | 3 020                                |
| 3231                | Printing and related support activities .....                       | 7  | 23                              | 6                         | 802                 | 29 273            | 341                 | 767           | 9 933           | 75 458                | 21 817                            | 97 283                             | 3 020                                |
| 32311               | Printing .....  | 7  | 20                              | 5                         | 769                 | 27 947            | 316                 | 714           | 9 049           | 73 196                | 21 429                            | 94 649                             | D                                    |
| 323110              | Commercial lithographic printing .....                              | 7  | 9                               | 3                         | 617                 | 22 551            | 212                 | 489           | 5 631           | 62 798                | 11 626                            | 74 449                             | 1 279                                |
| 333                 | Machinery manufacturing .....                                       | -  | 15                              | 6                         | 544                 | 22 409            | 351                 | 775           | 12 361          | 46 246                | 35 759                            | 83 377                             | 1 622                                |
| <b>BERWICK</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | -  | 31                              | 12                        | 3 833               | 112 891           | 2 601               | 4 919         | 59 010          | 317 891               | 205 681                           | 516 884                            | 12 466                               |
| 311                 | Food manufacturing .....  | -  | 6                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119                | Other food manufacturing .....                                      | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191               | Snack food manufacturing .....                                      | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919              | Other snack food manufacturing .....                                | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313                 | Textile mills .....   | -  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132                | Fabric mills .....  | -  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31323               | Nonwoven fabric mills .....   | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313230              | Nonwoven fabric mills .....   | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code              | Geographic area and industry                                       | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                         |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BETHLEHEM CITY</b>   |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | -  | 76                              | 35                        | 5 047               | 219 286           | 3 141               | 6 613         | 109 491         | 659 709               | 336 426                           | 968 384                            | 47 609                               |
| 332                     | Fabricated metal product manufacturing .....                       | -  | 13                              | 8                         | 640                 | 27 212            | 469                 | 894           | 17 064          | 86 463                | 46 586                            | 131 260                            | D                                    |
| 333                     | Machinery manufacturing .....                                      | -  | 4                               | 2                         | 679                 | 38 685            | 345                 | 820           | 17 439          | 102 095               | 90 124                            | 189 363                            | D                                    |
| 339                     | Miscellaneous manufacturing .....                                  | -  | 10                              | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391                    | Medical equipment and supplies manufacturing .....                 | -  | 5                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911                   | Medical equipment and supplies manufacturing .....                 | -  | 5                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112                  | Surgical and medical instrument manufacturing ..                   | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BLOOMSBURG</b>       |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 1  | 28                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314                     | Textile product mills .....  | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141                    | Textile furnishings mills .....                                    | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31411                   | Carpet and rug mills .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314110                  | Carpet and rug mills .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                     | Fabricated metal product manufacturing .....                       | -  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3323                    | Architectural and structural metals manufacturing .....            | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232                   | Ornamental and architectural metal products manufacturing .....    | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332321                  | Metal window and door manufacturing .....                          | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BOYERTOWN</b>        |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 1  | 24                              | 11                        | 819                 | 28 473            | 597                 | 1 041         | 17 165          | 67 315                | 73 530                            | 139 577                            | 3 621                                |
| <b>BRADFORD</b>         |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | -  | 24                              | 9                         | 1 801               | 64 283            | 1 228               | 2 648         | 43 787          | 204 258               | 185 288                           | 387 345                            | 8 429                                |
| 332                     | Fabricated metal product manufacturing .....                       | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                     | Miscellaneous manufacturing .....                                  | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399                    | Other miscellaneous manufacturing .....                            | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33999                   | All other miscellaneous manufacturing .....                        | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339999                  | All other miscellaneous manufacturing .....                        | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BRISTOL BOROUGH</b>  |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | -  | 15                              | 6                         | 1 129               | 45 626            | 737                 | 1 432         | 20 085          | 103 817               | 97 295                            | 202 474                            | D                                    |
| <b>BRISTOL TOWNSHIP</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | -  | 114                             | 42                        | 4 045               | 146 946           | 2 875               | 5 715         | 86 428          | 984 959               | 1 340 160                         | 2 337 161                          | 27 339                               |
| 315                     | Apparel manufacturing .....  | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152                    | Cut and sew apparel manufacturing .....                            | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523                   | Women's and girls' cut and sew apparel manufacturing .....         | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239                  | Women's and girls' cut and sew other outerwear manufacturing ..... | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323                     | Printing and related support activities .....                      | 1  | 12                              | 5                         | 501                 | 19 295            | 329                 | 586           | 11 026          | 49 027                | 33 393                            | 82 638                             | 1 616                                |
| 3231                    | Printing and related support activities .....                      | 1  | 12                              | 5                         | 501                 | 19 295            | 329                 | 586           | 11 026          | 49 027                | 33 393                            | 82 638                             | 1 616                                |
| 325                     | Chemical manufacturing .....                                       | -  | 13                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 729                                |
| 332                     | Fabricated metal product manufacturing .....                       | 5  | 25                              | 7                         | 751                 | 28 443            | 633                 | 1 425         | 19 880          | 49 774                | 50 665                            | 100 534                            | 1 779                                |
| <b>BROOKVILLE</b>       |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 2  | 17                              | 10                        | 1 351               | 41 489            | 1 139               | 2 215         | 31 278          | 134 719               | 124 191                           | 255 437                            | 9 425                                |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

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| NAICS code             | Geographic area and industry                                    | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                        |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BUTLER TOWNSHIP</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -              | 17                              | 7                         | 2 863               | 144 480           | 2 212               | 4 512         | 107 349         | 297 439               | 494 050                           | 769 212                            | 21 355                               |
| 331                    | Primary metal manufacturing .....                               | -              | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311                   | Iron and steel mills and ferroalloy manufacturing .....         | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                  | Iron and steel mills and ferroalloy manufacturing .....         | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                 | Iron and steel mills .....                                      | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CALN</b>            |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 2              | 9                               | 6                         | 568                 | 23 471            | 367                 | 691           | 10 949          | 71 861                | 114 947                           | 180 879                            | 2 631                                |
| <b>CANONSBURG</b>      |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -              | 17                              | 5                         | 543                 | 17 134            | 313                 | 513           | 5 996           | 43 234                | 55 663                            | 96 446                             | 966                                  |
| <b>CARBONDALE</b>      |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -              | 17                              | 8                         | 775                 | 23 325            | 618                 | 1 203         | 16 729          | 80 094                | 63 118                            | 143 971                            | 4 803                                |
| <b>CARLISLE</b>        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 3              | 33                              | 16                        | 3 717               | 147 396           | 2 512               | 5 137         | 94 153          | 411 675               | 494 730                           | 908 157                            | 17 121                               |
| 314                    | Textile product mills .....                                     | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141                   | Textile furnishings mills .....                                 | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31411                  | Carpet and rug mills .....                                      | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314110                 | Carpet and rug mills .....                                      | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                    | Plastics and rubber products manufacturing .....                | 7              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3262                   | Rubber product manufacturing .....                              | 7              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32621                  | Tire manufacturing .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326211                 | Tire manufacturing (except retreading) .....                    | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32629                  | Other rubber product manufacturing .....                        | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326299                 | All other rubber product manufacturing .....                    | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                    | Nonmetallic mineral product manufacturing .....                 | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272                   | Glass and glass product manufacturing .....                     | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721                  | Glass and glass product manufacturing .....                     | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327211                 | Flat glass manufacturing .....                                  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CHAMBERSBURG</b>    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -              | 36                              | 11                        | 1 660               | 54 424            | 1 283               | 2 565         | 35 412          | 233 486               | 136 390                           | 374 898                            | 9 009                                |
| <b>CHARLEROI</b>       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 2              | 9                               | 4                         | 794                 | 30 432            | 630                 | 1 352         | 21 464          | 76 242                | 88 203                            | 165 227                            | 4 775                                |
| 327                    | Nonmetallic mineral product manufacturing .....                 | 9              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272                   | Glass and glass product manufacturing .....                     | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721                  | Glass and glass product manufacturing .....                     | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212                 | Other pressed and blown glass and glassware manufacturing ..... | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CHESTER</b>         |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -              | 27                              | 13                        | 1 705               | 96 397            | 1 309               | 2 728         | 71 455          | 448 589               | 425 649                           | 880 071                            | 12 909                               |
| 322                    | Paper manufacturing .....                                       | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3221                   | Pulp, paper, and paperboard mills .....                         | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212                  | Paper mills .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121                 | Paper (except newsprint) mills .....                            | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CLARION</b>         |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -              | 5                               | 3                         | 651                 | 25 640            | 576                 | 1 109         | 21 424          | 95 366                | 57 357                            | 148 580                            | D                                    |
| <b>CLEARFIELD</b>      |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -              | 12                              | 4                         | 1 017               | 27 495            | 757                 | 1 497         | 17 957          | 52 998                | 81 959                            | 138 104                            | D                                    |

See footnotes at end of table.

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| NAICS code          | Geographic area and industry                                    | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                     |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>COATESVILLE</b>  |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | -              | 12                              | 6                         | 1 364               | 68 096            | 1 003               | 2 118         | 45 874          | 177 638               | 147 955                           | 326 876                            | 3 609                                |
| 331                 | Primary metal manufacturing .....                               | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311                | Iron and steel mills and ferroalloy manufacturing .....         | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111               | Iron and steel mills and ferroalloy manufacturing .....         | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111              | Iron and steel mills .....                                      | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>COLUMBIA</b>     |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | -              | 11                              | 4                         | 1 280               | 40 580            | 892                 | 2 482         | 26 584          | 76 214                | 130 938                           | 207 420                            | 5 239                                |
| 332                 | Fabricated metal product manufacturing .....                    | -              | 4                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3329                | Other fabricated metal product manufacturing .....              | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33291               | Metal valve manufacturing .....                                 | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332919              | Other metal valve and pipe fitting manufacturing .....          | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CONCORD</b>      |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 5              | 12                              | 4                         | 665                 | 26 723            | 447                 | 848           | 16 910          | 90 817                | 88 051                            | 178 784                            | D                                    |
| <b>CONSHOHOCKEN</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 2              | 29                              | 17                        | 1 614               | 69 763            | 1 206               | 2 259         | 46 093          | 246 920               | 289 461                           | 542 376                            | 18 050                               |
| 323                 | Printing and related support activities .....                   | -              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                | Printing and related support activities .....                   | -              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311               | Printing .....  | -              | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>CORRY</b>        |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1              | 31                              | 13                        | 1 749               | 70 005            | 1 335               | 2 557         | 44 585          | 149 625               | 122 626                           | 271 532                            | 8 691                                |
| 326                 | Plastics and rubber products manufacturing .....                | -              | 6                               | 4                         | 692                 | 26 367            | 508                 | 1 016         | 16 441          | 61 320                | 81 466                            | 142 033                            | 4 253                                |
| 3261                | Plastics product manufacturing ..                               | -              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                 | Fabricated metal product manufacturing .....                    | 2              | 16                              | 7                         | 808                 | 32 280            | 640                 | 1 191         | 23 779          | 64 347                | 36 444                            | 100 457                            | 3 505                                |
| <b>CRANBERRY</b>    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | 1              | 33                              | 13                        | 1 968               | 72 307            | 1 274               | 2 135         | 34 184          | 154 866               | 143 193                           | 304 968                            | 10 812                               |
| 332                 | Fabricated metal product manufacturing .....                    | -              | 7                               | 4                         | 1 296               | 42 496            | 910                 | 1 441         | 22 718          | 75 808                | 90 155                            | 168 049                            | 3 524                                |
| 3323                | Architectural and structural metals manufacturing .....         | -              | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33232               | Ornamental and architectural metal products manufacturing ..... | -              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332321              | Metal window and door manufacturing .....                       | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>DANVILLE</b>     |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | -              | 11                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                 | Chemical manufacturing .....                                    | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254                | Pharmaceutical and medicine manufacturing .....                 | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541               | Pharmaceutical and medicine manufacturing .....                 | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325411              | Medicinal and botanical manufacturing .....                     | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>DENVER</b>       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....   | -              | 18                              | 11                        | 1 423               | 46 217            | 1 078               | 2 125         | 30 528          | 99 800                | 136 513                           | 235 085                            | 7 000                                |

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| NAICS code                                  | Geographic area and industry                                     | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>DERRY TOWNSHIP (DAUPHIN COUNTY)</b>      |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | -  | 15                              | 7                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311   | Food manufacturing .....   | -  | 6                               | 4                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3113  | Sugar and confectionery product manufacturing .....              | -  | 3                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31132                                       | Chocolate and confectionery manufacturing from cacao beans ..... | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311320                                      | Chocolate and confectionery manufacturing from cacao beans ..... | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31133                                       | Confectionery manufacturing from purchased chocolate .....       | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311330                                      | Confectionery manufacturing from purchased chocolate ..          | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>DERRY TOWNSHIP (WESTMORELAND COUNTY)</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | 1  | 32                              | 9                         | 1 029               | 33 410            | 811                 | 1 731         | 24 423          | 84 718                | 48 502                            | 131 087                            | 8 454                                |
| <b>DOWNINGTOWN</b>                          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | -  | 22                              | 15                        | 1 480               | 59 462            | 1 188               | 2 482         | 43 679          | 194 076               | 185 664                           | 381 870                            | 16 351                               |
| <b>DUBOIS</b>                               |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | 1  | 29                              | 11                        | 817                 | 28 091            | 627                 | 1 259         | 17 821          | 63 344                | 70 614                            | 134 199                            | 3 903                                |
| <b>DUNMORE</b>                              |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | -  | 16                              | 8                         | 983                 | 30 502            | 693                 | 1 355         | 18 911          | 96 842                | 65 908                            | 153 286                            | D                                    |
| 311   | Food manufacturing .....   | -  | 5                               | 4                         | 751                 | 21 235            | 536                 | 1 035         | 14 085          | 46 417                | 36 924                            | 83 657                             | D                                    |
| <b>DURVEA</b>                               |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | -  | 10                              | 4                         | 521                 | 23 855            | 358                 | 614           | 12 184          | 44 699                | 18 982                            | 61 068                             | D                                    |
| <b>EAST GOSHEN</b>                          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | 1  | 8                               | 4                         | 548                 | 40 010            | 193                 | 339           | 7 777           | 75 004                | 79 959                            | 156 507                            | 6 326                                |
| <b>EAST HEMPFIELD</b>                       |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | -  | 75                              | 44                        | 5 391               | 217 301           | 4 065               | 8 336         | 142 586         | 1 072 074             | 662 983                           | 1 746 117                          | 38 626                               |
| 311   | Food manufacturing .....   | -  | 13                              | 8                         | 1 722               | 75 395            | 1 511               | 3 023         | 61 276          | 694 613               | 322 675                           | 1 023 521                          | 18 645                               |
| 3113  | Sugar and confectionery product manufacturing .....              | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31134                                       | Nonchocolate confectionery manufacturing .....                   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311340                                      | Nonchocolate confectionery manufacturing .....                   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332   | Fabricated metal product manufacturing .....                     | -  | 22                              | 12                        | 1 352               | 58 653            | 912                 | 1 898         | 30 574          | 124 498               | 101 625                           | 228 014                            | 5 110                                |
| 3329  | Other fabricated metal product manufacturing .....               | -  | 5                               | 4                         | 576                 | 29 133            | 368                 | 834           | 12 520          | 63 641                | 32 081                            | 98 276                             | 2 267                                |
| <b>EAST LAMPETER</b>                        |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | 2  | 62                              | 27                        | 2 831               | 102 098           | 1 968               | 3 856         | 60 304          | 249 574               | 256 723                           | 512 500                            | 30 318                               |
| 332   | Fabricated metal product manufacturing .....                     | -  | 16                              | 6                         | 1 065               | 38 820            | 809                 | 1 633         | 27 681          | 72 242                | 66 677                            | 148 938                            | 4 107                                |
| 3323  | Architectural and structural metals manufacturing .....          | -  | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33231                                       | Plate work and fabricated structural product manufacturing ..... | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332312                                      | Fabricated structural metal manufacturing .....                  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>EASTON</b>                               |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | 4  | 30                              | 10                        | 1 307               | 52 842            | 1 022               | 1 924         | 37 340          | 109 961               | 70 638                            | 177 843                            | 5 007                                |
| 331   | Primary metal manufacturing .....                                | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>EAST STROUDSBURG</b>                     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | -  | 24                              | 8                         | 1 129               | 39 241            | 843                 | 1 634         | 24 819          | 92 936                | 62 109                            | 155 982                            | D                                    |
| <b>ELIZABETHTOWN</b>                        |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | -  | 14                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 149                                |
| <b>ELLWOOD CITY</b>                         |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                       | Manufacturing .....  | -  | 20                              | 8                         | 1 076               | 37 924            | 809                 | 1 492         | 25 140          | 291 891               | 187 201                           | 477 642                            | 6 652                                |
| 332   | Fabricated metal product manufacturing .....                     | -  | 9                               | 4                         | 561                 | 19 344            | 430                 | 903           | 12 986          | 36 310                | 55 344                            | 92 369                             | 1 250                                |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                    | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                               |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>EMPORIUM</b>               |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -  | 14                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 032                                |
| 332                           | Fabricated metal product manufacturing .....                                | -  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3325                          | Hardware manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33251                         | Hardware manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332510                        | Hardware manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>EPHRATA</b>                |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -  | 34                              | 10                        | 1 027               | 36 990            | 803                 | 1 461         | 25 792          | 79 420                | 46 351                            | 124 254                            | 1 670                                |
| <b>ERIE</b>                   |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1  | 193                             | 76                        | 7 362               | 276 123           | 5 100               | 10 085        | 167 594         | 720 799               | 579 452                           | 1 371 018                          | 38 724                               |
| 311                           | Food manufacturing .....  | -  | 13                              | 4                         | 638                 | 18 464            | 466                 | 995           | 11 397          | 83 448                | 105 055                           | 188 516                            | D                                    |
| 326                           | Plastics and rubber products manufacturing .....                            | 1  | 16                              | 9                         | 1 252               | 43 184            | 939                 | 1 985         | 30 505          | 144 489               | 94 447                            | 240 717                            | 8 575                                |
| 3261                          | Plastics product manufacturing ..   | 1  | 15                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                         | Other plastics product manufacturing .....                                  | 1  | 12                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 466                                |
| 326199                        | All other plastics product manufacturing .....                              | 1  | 12                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 466                                |
| 332                           | Fabricated metal product manufacturing .....                                | 1  | 61                              | 21                        | 2 071               | 74 704            | 1 465               | 2 775         | 43 432          | 188 984               | 118 707                           | 325 506                            | 6 608                                |
| 3327                          | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 1  | 20                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33271                         | Machine shops .....   | 1  | 18                              | 4                         | 556                 | 18 491            | 449                 | 894           | 13 054          | 36 598                | 21 542                            | 57 388                             | 3 520                                |
| 332710                        | Machine shops .....   | 1  | 18                              | 4                         | 556                 | 18 491            | 449                 | 894           | 13 054          | 36 598                | 21 542                            | 57 388                             | 3 520                                |
| 333                           | Machinery manufacturing .....   | 2  | 28                              | 11                        | 892                 | 39 157            | 548                 | 1 117         | 21 420          | 64 081                | 48 960                            | 114 654                            | 1 544                                |
| <b>EXETER TOWNSHIP</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -  | 15                              | 6                         | 746                 | 26 711            | 556                 | 1 063         | 15 037          | 165 545               | 118 412                           | 286 850                            | 4 823                                |
| <b>FAIRVIEW (ERIE COUNTY)</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1  | 46                              | 27                        | 2 154               | 66 664            | 1 673               | 3 329         | 44 882          | 125 628               | 125 500                           | 260 833                            | 6 405                                |
| 326                           | Plastics and rubber products manufacturing .....                            | -  | 10                              | 9                         | 535                 | 14 531            | 461                 | 925           | 10 823          | 27 865                | 23 030                            | 51 011                             | 715                                  |
| <b>FALLS</b>                  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1  | 67                              | 31                        | 1 969               | 77 754            | 1 496               | 2 920         | 50 616          | 250 567               | 365 916                           | 609 363                            | 14 110                               |
| <b>FARRELL</b>                |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -  | 16                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 846                                |
| 331                           | Primary metal manufacturing .....   | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311                          | Iron and steel mills and ferroalloy manufacturing .....                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                         | Iron and steel mills and ferroalloy manufacturing .....                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                        | Iron and steel mills .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>FERGUSON</b>               |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -  | 25                              | 13                        | 1 303               | 43 472            | 934                 | 1 827         | 25 367          | 129 453               | 157 176                           | 301 062                            | 2 385                                |
| 334                           | Computer and electronic product manufacturing .....                         | -  | 8                               | 3                         | 575                 | 20 897            | 324                 | 652           | 9 272           | 55 567                | 130 203                           | 199 251                            | D                                    |
| <b>FLEETWOOD</b>              |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -  | 9                               | 4                         | 529                 | 18 099            | 421                 | 869           | 12 989          | 119 464               | 20 740                            | 145 172                            | 989                                  |
| <b>FOLCROFT</b>               |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1  | 17                              | 10                        | 749                 | 29 379            | 507                 | 825           | 15 856          | 50 174                | 31 738                            | 89 040                             | 2 049                                |
| <b>FORD CITY</b>              |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -  | 10                              | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                           | Nonmetallic mineral product manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3271                          | Clay product and refractory manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32711                         | Pottery, ceramics, and plumbing fixture manufacturing .....                 | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327111                        | Vitreous china and earthenware plumbing fixture and accessories mfg .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code              | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                         |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>FRANCONIA</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | -  | 29                              | 14                        | 3 190               | 103 751           | 2 329               | 4 939         | 62 943          | 357 050               | 1 033 797                         | 1 376 855                          | 8 180                                |
| 311                     | Food manufacturing .....  | -  | 8                               | 8                         | 2 555               | 73 379            | 1 967               | 4 207         | 48 523          | 288 401               | 980 349                           | 1 252 347                          | 5 881                                |
| 3116                    | Animal slaughtering and processing .....  | -  | 7                               | 7                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161                   | Animal slaughtering and processing .....  | -  | 7                               | 7                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311611                  | Animal (except poultry) slaughtering .....  | -  | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615                  | Poultry processing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>FRANKLIN</b>         |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | 2  | 26                              | 11                        | 2 075               | 93 117            | 1 360               | 2 792         | 48 189          | 190 608               | 237 328                           | 436 554                            | 13 153                               |
| 333                     | Machinery manufacturing .....   | -  | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3331                    | Agriculture, construction, and mining machinery manufacturing .....                 | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33313                   | Mining and oil and gas field machinery manufacturing .....                          | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333131                  | Mining machinery and equipment manufacturing ..                                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>GIRARD</b>           |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | -  | 17                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 806                                |
| <b>GREENCASTLE</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | -  | 16                              | 9                         | 1 379               | 40 548            | 1 103               | 2 108         | 28 906          | 238 176               | 402 226                           | 646 909                            | D                                    |
| 327                     | Nonmetallic mineral product manufacturing .....                                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272                    | Glass and glass product manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721                   | Glass and glass product manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327215                  | Glass product manufacturing made of purchased glass ..                              | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>GREENSBURG</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | 2  | 47                              | 14                        | 1 069               | 35 382            | 749                 | 1 447         | 21 709          | 79 093                | 50 503                            | 127 350                            | 3 183                                |
| 332                     | Fabricated metal product manufacturing .....  | 3  | 17                              | 8                         | 523                 | 18 571            | 341                 | 666           | 10 844          | 40 652                | 26 350                            | 67 178                             | 1 096                                |
| <b>HAMPDEN</b>          |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | -  | 22                              | 5                         | 757                 | 27 047            | 566                 | 1 120         | 16 225          | 239 482               | 224 161                           | 460 668                            | 7 684                                |
| <b>HANOVER TOWNSHIP</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | -  | 22                              | 11                        | 1 109               | 31 586            | 824                 | 1 622         | 19 493          | 91 004                | 68 900                            | 158 455                            | 3 114                                |
| <b>HANOVER BOROUGH</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | 3  | 53                              | 21                        | 3 361               | 109 404           | 2 490               | 4 584         | 69 771          | 270 539               | 171 759                           | 442 282                            | 30 909                               |
| 311                     | Food manufacturing .....  | 6  | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119                    | Other food manufacturing .....  | 6  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31191                   | Snack food manufacturing .....  | 6  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311919                  | Other snack food manufacturing .....  | 6  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                     | Transportation equipment manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363                    | Motor vehicle parts manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33633                   | Motor vehicle steering and suspension component (except spring) manufacturing ..... | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336330                  | Motor vehicle steering and suspension component (except spring) manufacturing ..... | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>HARBORCREEK</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | -  | 14                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 803                                |
| <b>HARRISBURG</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....   | 3  | 41                              | 13                        | 1 350               | 47 117            | 905                 | 1 883         | 27 191          | 141 482               | 171 406                           | 315 388                            | 7 415                                |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry                                     | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>HATFIELD TOWNSHIP</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 67                              | 31                        | 4 779               | 171 909           | 3 233               | 6 464         | 89 037          | 411 030               | 536 445                           | 968 694                            | 21 650                               |
| 311                      | Food manufacturing .....   | -  | 6                               | 4                         | 1 942               | 68 640            | 1 290               | 2 564         | 30 323          | 152 016               | 353 434                           | 519 432                            | 9 558                                |
| 3116                     | Animal slaughtering and processing .....                         | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161                    | Animal slaughtering and processing .....                         | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311611                   | Animal (except poultry) slaughtering .....                       | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                      | Plastics and rubber products manufacturing .....                 | -  | 4                               | 3                         | 798                 | 21 760            | 707                 | 1 421         | 16 671          | 49 623                | 44 905                            | 96 352                             | 3 983                                |
| 3261                     | Plastics product manufacturing ..                                | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                    | Other plastics product manufacturing .....                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                   | All other plastics product manufacturing .....                   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>HAZLETON</b>          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 1  | 51                              | 20                        | 3 227               | 104 642           | 2 600               | 5 385         | 75 761          | 410 179               | 338 191                           | 743 616                            | 40 549                               |
| 311                      | Food manufacturing .....   | -  | 9                               | 4                         | 1 277               | 38 743            | 1 088               | 2 327         | 30 766          | 229 275               | 163 455                           | 390 690                            | D                                    |
| 3116                     | Animal slaughtering and processing .....                         | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161                    | Animal slaughtering and processing .....                         | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311612                   | Meat processed from carcasses .....                              | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                      | Plastics and rubber products manufacturing .....                 | -  | 5                               | 4                         | 626                 | 23 772            | 512                 | 1 202         | 17 447          | 79 458                | 77 116                            | 154 072                            | D                                    |
| 3261                     | Plastics product manufacturing ..                                | -  | 5                               | 4                         | 626                 | 23 772            | 512                 | 1 202         | 17 447          | 79 458                | 77 116                            | 154 072                            | D                                    |
| <b>HEMPFIELD</b>         |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 22                              | 7                         | 927                 | 24 616            | 407                 | 813           | 13 751          | 56 600                | 66 789                            | 123 562                            | 2 278                                |
| 334                      | Computer and electronic product manufacturing .....              | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344                     | Semiconductor and other electronic component manufacturing ..... | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441                    | Semiconductor and other electronic component manufacturing ..... | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413                   | Semiconductor and related device manufacturing .....             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>HERMITAGE</b>         |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 2  | 21                              | 8                         | 885                 | 31 350            | 750                 | 1 449         | 22 827          | 83 649                | 86 744                            | 169 855                            | 8 396                                |
| <b>HILLTOWN</b>          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 1  | 25                              | 6                         | 636                 | 27 946            | 400                 | 776           | 13 229          | 59 857                | 31 059                            | 90 648                             | 2 929                                |
| <b>HORSHAM</b>           |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 1  | 63                              | 27                        | 3 268               | 132 733           | 2 271               | 4 313         | 71 754          | 296 354               | 250 167                           | 545 842                            | 9 309                                |
| 323                      | Printing and related support activities .....                    | -  | 13                              | 4                         | 1 216               | 36 713            | 1 111               | 1 920         | 30 278          | 97 481                | 25 744                            | 123 203                            | 1 634                                |
| 3231                     | Printing and related support activities .....                    | -  | 13                              | 4                         | 1 216               | 36 713            | 1 111               | 1 920         | 30 278          | 97 481                | 25 744                            | 123 203                            | 1 634                                |
| 32312                    | Support activities for printing ..                               | -  | 3                               | 3                         | 1 136               | 33 612            | 1 057               | 1 822         | 28 415          | 91 439                | 22 182                            | 113 587                            | D                                    |
| 323122                   | Prepress services .....  | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                      | Computer and electronic product manufacturing .....              | -  | 15                              | 7                         | 760                 | 36 791            | 378                 | 703           | 13 246          | 73 294                | 68 898                            | 140 505                            | 2 242                                |
| <b>HUNTINGDON</b>        |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 7  | 13                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>INDIANA</b>           |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 20                              | 3                         | 608                 | 15 725            | 491                 | 743           | 12 334          | 34 576                | 38 089                            | 72 032                             | D                                    |
| <b>JEANNETTE</b>         |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 22                              | 8                         | 1 685               | 77 747            | 985                 | 1 524         | 30 333          | 134 602               | 170 071                           | 247 511                            | 9 314                                |
| 333                      | Machinery manufacturing .....                                    | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339                     | Other general purpose machinery manufacturing .....              | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33391                    | Pump and compressor manufacturing .....                          | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333912                   | Air and gas compressor manufacturing .....                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code             | Geographic area and industry  | All establishments <sup>2</sup> |       |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------------|---|---------------------------------|-------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                        |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>JEFFERSON HILLS</b> |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 3                               | 10    | 5                         | 565                 | 20 384            | 409                 | 814           | 11 598          | 57 007                | 46 957                            | 109 706                            | D                                    |
| <b>JENKINTOWN</b>      |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -                               | 12    | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                    | Fabricated metal product manufacturing .....                                  | -                               | 2     | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3327                   | Machine shops; turned product; and screw, nut, and bolt manufacturing .....   | -                               | 1     | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33272                  | Turned product and screw, nut, and bolt manufacturing .....                   | -                               | 1     | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332722                 | Bolt, nut, screw, rivet, and washer manufacturing .....                       | -                               | 1     | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>JERSEY SHORE</b>    |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -                               | 14    | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 210                                |
| <b>JOHNSTOWN</b>       |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 2                               | 44    | 14                        | 1 323               | 44 617            | 974                 | 1 918         | 29 295          | 111 430               | 127 981                           | 239 738                            | 4 591                                |
| 331                    | Primary metal manufacturing .....   | -                               | 5     | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>LAKE CITY</b>       |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -                               | 15    | 7                         | 588                 | 15 200            | 472                 | 951           | 9 448           | 32 620                | 40 903                            | 79 177                             | 2 499                                |
| <b>LANCASTER CITY</b>  |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -                               | 99    | 34                        | 7 325               | 268 499           | 5 762               | 10 702        | 188 353         | 826 220               | 772 177                           | 1 597 415                          | 55 199                               |
| 311                    | Food manufacturing .....  | -                               | 11    | 3                         | 737                 | 23 460            | 475                 | 1 020         | 13 996          | 77 892                | 110 140                           | 182 952                            | 1 738                                |
| 323                    | Printing and related support activities .....                                 | -                               | 21    | 8                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                   | Printing and related support activities .....                                 | -                               | 21    | 8                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311                  | Printing .....  | -                               | 16    | 7                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110                 | Commercial lithographic printing .....  | -                               | 13    | 7                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                    | Plastics and rubber products manufacturing .....                              | -                               | 5     | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261                   | Plastics product manufacturing ..   | -                               | 4     | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                  | Other plastics product manufacturing .....                                    | -                               | 4     | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326192                 | Resilient floor covering manufacturing .....                                  | -                               | 1     | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>LANSDALE</b>        |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -                               | 49    | 15                        | 1 345               | 48 169            | 931                 | 1 793         | 25 154          | 103 216               | 96 423                            | 199 061                            | 10 163                               |
| <b>LATROBE</b>         |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 4                               | 66    | 23                        | 2 557               | 104 413           | 1 699               | 3 258         | 60 420          | 307 445               | 254 916                           | 562 911                            | 16 784                               |
| 331                    | Primary metal manufacturing .....   | -                               | 7     | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 654                                |
| 3311                   | Iron and steel mills and ferroalloy manufacturing .....                       | -                               | 3     | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                  | Iron and steel mills and ferroalloy manufacturing .....                       | -                               | 3     | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                 | Iron and steel mills .....  | -                               | 3     | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>LEBANON</b>         |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -                               | 59    | 21                        | 2 144               | 59 118            | 1 543               | 2 826         | 34 369          | 142 658               | 185 428                           | 324 261                            | 5 302                                |
| <b>LEWISTOWN</b>       |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 1                               | 15    | 6                         | 741                 | 20 209            | 605                 | 1 157         | 14 723          | 46 331                | 60 929                            | 108 973                            | 1 124                                |
| <b>LITITZ</b>          |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 2                               | 19    | 8                         | 1 072               | 40 787            | 789                 | 1 320         | 24 407          | 235 603               | 219 393                           | 443 940                            | 9 142                                |
| <b>LITTLESTOWN</b>     |   |                                 |       |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -                               | 11    | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 385                                |
| 337                    | Furniture and related product manufacturing .....                             | -                               | 2     | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371                   | Household and institutional furniture and kitchen cabinet manufacturing ..... | -                               | 1     | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711                  | Wood kitchen cabinet and countertop manufacturing .....                       | -                               | 1     | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110                 | Wood kitchen cabinet and countertop manufacturing ..                          | -                               | 1     | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry                                     | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>LOGAN</b>             |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>LOWER MACUNGIE</b>    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 16                              | 8                         | 1 980               | 86 513            | 1 361               | 1 899         | 55 269          | 175 761               | 672 347                           | 850 997                            | 4 311                                |
| 323                      | Printing and related support activities .....                    | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                     | Printing and related support activities .....                    | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311                    | Printing .....   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323118                   | Blankbook, looseleaf binders, and devices manufacturing .....    | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                      | Transportation equipment manufacturing .....                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3361                     | Motor vehicle manufacturing .....                                | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33612                    | Heavy duty truck manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336120                   | Heavy duty truck manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>LOWER MERION</b>      |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 2  | 43                              | 8                         | 626                 | 20 655            | 472                 | 942           | 13 092          | 34 569                | 69 809                            | 106 072                            | 2 360                                |
| <b>LOWER MORELAND</b>    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 2  | 43                              | 15                        | 855                 | 32 688            | 605                 | 1 239         | 19 592          | 66 782                | 37 317                            | 103 679                            | 2 296                                |
| <b>LOWER PROVIDENCE</b>  |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 4  | 30                              | 9                         | 1 401               | 60 854            | 1 056               | 2 162         | 39 037          | 146 261               | 78 638                            | 226 441                            | 4 658                                |
| <b>LOWER SALFORD</b>     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 1  | 27                              | 13                        | 1 193               | 41 585            | 754                 | 1 529         | 22 525          | 110 490               | 95 045                            | 206 906                            | 3 540                                |
| <b>LOWER SOUTHAMPTON</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 2  | 77                              | 18                        | 1 209               | 50 029            | 798                 | 1 600         | 26 819          | 123 721               | 148 555                           | 271 341                            | 7 868                                |
| <b>LOYALSOCK</b>         |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 11                              | 5                         | 539                 | 19 827            | 329                 | 598           | 10 015          | 45 392                | 57 019                            | 99 237                             | 2 962                                |
| <b>MCKEESPORT</b>        |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 2  | 20                              | 4                         | 511                 | 20 824            | 385                 | 864           | 14 895          | 36 717                | 40 432                            | 78 782                             | 1 929                                |
| <b>MCKEES ROCKS</b>      |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 21                              | 8                         | 626                 | 21 918            | 438                 | 856           | 12 963          | 62 112                | 48 383                            | 110 716                            | 4 291                                |
| <b>MACUNGIE</b>          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | -  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MANCHESTER</b>        |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....  | 1  | 79                              | 49                        | 5 641               | 206 439           | 3 969               | 8 291         | 118 975         | 511 654               | 563 641                           | 1 073 927                          | 54 105                               |
| 323                      | Printing and related support activities .....                    | 1  | 11                              | 8                         | 1 414               | 52 947            | 1 061               | 2 364         | 33 266          | 121 985               | 98 799                            | 218 220                            | 6 082                                |
| 3231                     | Printing and related support activities .....                    | 1  | 11                              | 8                         | 1 414               | 52 947            | 1 061               | 2 364         | 33 266          | 121 985               | 98 799                            | 218 220                            | 6 082                                |
| 32311                    | Printing .....   | 1  | 10                              | 7                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110                   | Commercial lithographic printing .....                           | 4  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                      | Plastics and rubber products manufacturing .....                 | -  | 6                               | 6                         | 756                 | 23 936            | 654                 | 1 285         | 17 364          | 113 398               | 113 525                           | 223 400                            | 13 154                               |
| 3261                     | Plastics product manufacturing ..                                | -  | 6                               | 6                         | 756                 | 23 936            | 654                 | 1 285         | 17 364          | 113 398               | 113 525                           | 223 400                            | 13 154                               |
| 333                      | Machinery manufacturing .....                                    | -  | 12                              | 5                         | 527                 | 24 254            | 266                 | 493           | 9 831           | 37 468                | 83 546                            | 119 906                            | 797                                  |
| 334                      | Computer and electronic product manufacturing .....              | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344                     | Semiconductor and other electronic component manufacturing ..... | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441                    | Semiconductor and other electronic component manufacturing ..... | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                      | Miscellaneous manufacturing .....                                | 3  | 5                               | 3                         | 561                 | 18 285            | 443                 | 940           | 12 654          | 50 195                | 30 292                            | 80 564                             | D                                    |
| 3399                     | Other miscellaneous manufacturing .....                          | 3  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                                | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>MANHEIM TOWNSHIP</b>                   |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                     | Manufacturing .....  | -  | 41                              | 21                        | 2 862               | 130 451           | 1 862               | 3 924         | 72 851          | 309 858               | 508 699                           | 819 625                            | 25 928                               |
| 331                                       | Primary metal manufacturing .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313                                      | Alumina and aluminum production and processing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131                                     | Alumina and aluminum production and processing ...   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331315                                    | Aluminum sheet, plate, and foil manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                                       | Machinery manufacturing .....  | -  | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3334                                      | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341                                     | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing ..... | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MANOR TOWNSHIP</b>                     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                     | Manufacturing .....  | -  | 15                              | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311                                       | Food manufacturing .....   | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115                                      | Dairy product manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31152                                     | Ice cream and frozen dessert manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311520                                    | Ice cream and frozen dessert manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MARIETTA</b>                           |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                     | Manufacturing .....  | -  | 5                               | 4                         | 1 518               | 89 864            | 974                 | 2 032         | 50 477          | 96 067                | 74 528                            | 171 665                            | D                                    |
| 325                                       | Chemical manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254                                      | Pharmaceutical and medicine manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                                     | Pharmaceutical and medicine manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414                                    | Biological product (except diagnostic) manufacturing ..  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MEADVILLE</b>                          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                     | Manufacturing .....  | 1  | 75                              | 17                        | 2 041               | 73 894            | 1 484               | 2 637         | 44 112          | 193 952               | 99 994                            | 293 825                            | 17 597                               |
| 332                                       | Fabricated metal product manufacturing .....   | 1  | 27                              | 4                         | 668                 | 20 604            | 526                 | 902           | 13 644          | 50 321                | 26 249                            | 77 890                             | D                                    |
| <b>MECHANICSBURG</b>                      |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                     | Manufacturing .....  | -  | 19                              | 4                         | 1 614               | 58 755            | 1 153               | 2 687         | 44 026          | 147 860               | 77 519                            | 226 445                            | 5 352                                |
| 323                                       | Printing and related support activities .....  | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                                      | Printing and related support activities .....  | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311                                     | Printing .....   | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110                                    | Commercial lithographic printing .....   | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MEDIA</b>                              |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                     | Manufacturing .....  | 2  | 13                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 5 048                                |
| <b>MIDDLETOWN TOWNSHIP (BUCKS COUNTY)</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                     | Manufacturing .....  | 1  | 24                              | 8                         | 516                 | 20 610            | 335                 | 677           | 11 360          | 67 180                | 124 728                           | 193 804                            | 2 656                                |
| <b>MIDLAND</b>                            |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                     | Manufacturing .....  | -  | 9                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 071                                |
| 331                                       | Primary metal manufacturing .....  | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311                                      | Iron and steel mills and ferroalloy manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                                     | Iron and steel mills and ferroalloy manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                                    | Iron and steel mills .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code         | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                    |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>MIFFLINBURG</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....   | -  | 10                              | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321                | Wood product manufacturing .....  | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219               | Other wood product manufacturing .....  | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199              | All other wood product manufacturing .....                                    | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321991             | Manufactured home (mobile home) manufacturing .....                           | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                | Furniture and related product manufacturing .....                             | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371               | Household and institutional furniture and kitchen cabinet manufacturing ..... | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711              | Wood kitchen cabinet and countertop manufacturing .....                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110             | Wood kitchen cabinet and countertop manufacturing ..                          | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MILLCREEK</b>   |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....   | 1  | 127                             | 48                        | 5 377               | 208 856           | 3 989               | 8 370         | 131 801         | 468 827               | 295 386                           | 768 493                            | 19 757                               |
| 326                | Plastics and rubber products manufacturing .....                              | -  | 14                              | 8                         | 1 778               | 54 259            | 1 613               | 3 562         | 46 807          | 132 474               | 101 346                           | 232 302                            | 4 127                                |
| 3261               | Plastics product manufacturing ..   | -  | 14                              | 8                         | 1 778               | 54 259            | 1 613               | 3 562         | 46 807          | 132 474               | 101 346                           | 232 302                            | 4 127                                |
| 32619              | Other plastics product manufacturing .....                                    | -  | 11                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199             | All other plastics product manufacturing .....                                | -  | 11                              | 8                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                | Fabricated metal product manufacturing .....                                  | 1  | 32                              | 12                        | 993                 | 35 199            | 741                 | 1 488         | 23 219          | 75 425                | 50 579                            | 127 203                            | 2 730                                |
| 333                | Machinery manufacturing .....   | 2  | 31                              | 14                        | 1 029               | 50 039            | 723                 | 1 500         | 32 618          | 100 596               | 49 922                            | 152 397                            | 4 201                                |
| 3335               | Metalworking machinery manufacturing .....                                    | 2  | 24                              | 11                        | 598                 | 29 407            | 484                 | 994           | 22 951          | 57 063                | 26 544                            | 85 080                             | 3 583                                |
| 33351              | Metalworking machinery manufacturing .....                                    | 2  | 24                              | 11                        | 598                 | 29 407            | 484                 | 994           | 22 951          | 57 063                | 26 544                            | 85 080                             | 3 583                                |
| 339                | Miscellaneous manufacturing .....   | -  | 13                              | 3                         | 919                 | 46 505            | 494                 | 1 042         | 19 219          | 120 200               | 57 734                            | 180 646                            | D                                    |
| 3391               | Medical equipment and supplies manufacturing .....                            | -  | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911              | Medical equipment and supplies manufacturing .....                            | -  | 6                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339113             | Surgical appliance and supplies manufacturing .....                           | -  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MILLERSBURG</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....   | -  | 10                              | 5                         | 814                 | 24 244            | 613                 | 1 292         | 18 005          | 44 673                | 55 054                            | 100 790                            | D                                    |
| <b>MILTON</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....   | -  | 16                              | 9                         | 2 087               | 68 226            | 1 707               | 3 772         | 49 654          | 112 045               | 265 811                           | 374 240                            | D                                    |
| 311                | Food manufacturing .....  | -  | 3                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114               | Fruit and vegetable preserving and specialty food manufacturing .....         | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142              | Fruit and vegetable canning, pickling, and drying .....                       | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311422             | Specialty canning .....   | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                | Transportation equipment manufacturing .....                                  | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MONACA</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....   | -  | 13                              | 7                         | 818                 | 25 291            | 671                 | 1 263         | 19 685          | 82 916                | 39 369                            | 126 620                            | 3 603                                |
| 327                | Nonmetallic mineral product manufacturing .....                               | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272               | Glass and glass product manufacturing .....                                   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721              | Glass and glass product manufacturing .....                                   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212             | Other pressed and blown glass and glassware manufacturing .....               | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                         | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                    |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>MONTGOMERY</b>                  |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | 1              | 56                              | 25                        | 3 735               | 138 936           | 2 405               | 4 315         | 67 139          | 295 831               | 148 069                           | 443 728                            | 10 924                               |
| 326                                | Plastics and rubber products manufacturing .....  | -              | 4                               | 2                         | 1 668               | 43 350            | 1 379               | 2 285         | 29 004          | 51 202                | 40 493                            | 92 390                             | D                                    |
| 3261                               | Plastics product manufacturing ..   | -              | 4                               | 2                         | 1 668               | 43 350            | 1 379               | 2 285         | 29 004          | 51 202                | 40 493                            | 92 390                             | D                                    |
| 32619                              | Other plastics product manufacturing .....  | -              | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                             | All other plastics product manufacturing .....  | -              | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                                | Computer and electronic product manufacturing .....   | 1              | 7                               | 5                         | 747                 | 41 168            | 296                 | 622           | 14 361          | 85 911                | 20 618                            | 109 427                            | 3 654                                |
| 3345                               | Navigational, measuring, electromedical, and control instruments manufacturing .....                          | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451                              | Navigational, measuring, electromedical, and control instruments manufacturing ...                            | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334511                             | Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing ..... | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MONTOURSVILLE</b>               |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | -              | 18                              | 7                         | 565                 | 14 406            | 437                 | 855           | 8 355           | 41 533                | 33 877                            | 74 276                             | 1 279                                |
| <b>MOOSIC</b>                      |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | -              | 13                              | 6                         | 1 065               | 31 371            | 729                 | 1 511         | 18 944          | 104 157               | 144 032                           | 252 421                            | 7 809                                |
| <b>MOUNT JOY</b>                   |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | 1              | 17                              | 8                         | 1 040               | 38 406            | 865                 | 1 650         | 28 301          | 108 939               | 129 856                           | 237 605                            | 6 002                                |
| <b>MOUNT PLEASANT BOROUGH</b>      |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | -              | 10                              | 5                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                                | Computer and electronic product manufacturing .....   | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3343                               | Audio and video equipment manufacturing .....   | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33431                              | Audio and video equipment manufacturing .....   | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334310                             | Audio and video equipment manufacturing .....   | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MOUNT UNION</b>                 |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | 2              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>MUHLENBERG</b>                  |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | 1              | 54                              | 26                        | 2 297               | 86 840            | 1 560               | 3 179         | 50 537          | 233 496               | 309 291                           | 540 002                            | 16 455                               |
| 311                                | Food manufacturing .....  | 2              | 9                               | 5                         | 833                 | 31 571            | 583                 | 1 147         | 19 408          | 94 288                | 188 426                           | 284 249                            | 8 478                                |
| <b>MUNCY</b>                       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | -              | 9                               | 6                         | 924                 | 36 509            | 515                 | 1 166         | 15 814          | 112 331               | 108 719                           | 225 366                            | 5 465                                |
| <b>MUNICIPALITY OF MONROEVILLE</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | 5              | 24                              | 7                         | 727                 | 26 974            | 446                 | 932           | 11 679          | 48 598                | 27 161                            | 75 581                             | 1 318                                |
| <b>MUNICIPALITY OF MURRYSVILLE</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | -              | 25                              | 12                        | 1 222               | 47 568            | 809                 | 1 648         | 22 055          | 101 422               | 151 217                           | 255 910                            | 6 265                                |
| <b>MYERSTOWN</b>                   |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | -              | 8                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                                | Chemical manufacturing .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254                               | Pharmaceutical and medicine manufacturing .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                              | Pharmaceutical and medicine manufacturing .....   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412                             | Pharmaceutical preparation manufacturing .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                    | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                               |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>NAZARETH</b>               |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -              | 13                              | 6                         | 1 160               | 44 345            | 913                 | 1 800         | 30 797          | 111 337               | 59 926                            | 168 763                            | 8 233                                |
| 339                           | Miscellaneous manufacturing .....                                   | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399                          | Other miscellaneous manufacturing .....                             | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33999                         | All other miscellaneous manufacturing .....                         | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339992                        | Musical instrument manufacturing .....                              | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>NESQUEHONING</b>           |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1              | 8                               | 6                         | 1 089               | 32 538            | 775                 | 1 639         | 20 815          | 65 674                | 54 029                            | 116 124                            | D                                    |
| 336                           | Transportation equipment manufacturing .....                        | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362                          | Motor vehicle body and trailer manufacturing .....                  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621                         | Motor vehicle body and trailer manufacturing .....                  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336211                        | Motor vehicle body manufacturing .....                              | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>NEW BRITAIN TOWNSHIP</b>   |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1              | 18                              | 6                         | 1 122               | 56 683            | 719                 | 897           | 28 922          | 142 290               | 75 684                            | 218 598                            | 6 621                                |
| 323                           | Printing and related support activities .....                       | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                          | Printing and related support activities .....                       | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311                         | Printing .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110                        | Commercial lithographic printing .....                              | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>NEW CASTLE</b>             |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1              | 78                              | 22                        | 1 635               | 61 984            | 1 256               | 2 707         | 41 245          | 185 952               | 176 528                           | 373 356                            | 10 522                               |
| <b>NEW FREEDOM</b>            |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 2              | 15                              | 8                         | 517                 | 17 963            | 342                 | 681           | 9 706           | 33 669                | 21 712                            | 55 265                             | 793                                  |
| <b>NEW HOLLAND</b>            |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -              | 21                              | 9                         | 2 682               | 89 683            | 2 251               | 4 331         | 69 483          | 295 002               | 405 660                           | 676 274                            | 13 367                               |
| 311                           | Food manufacturing .....  | -              | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116                          | Animal slaughtering and processing .....                            | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161                         | Animal slaughtering and processing .....                            | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615                        | Poultry processing .....  | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                           | Machinery manufacturing .....                                       | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3331                          | Agriculture, construction, and mining machinery manufacturing ..... | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33311                         | Agricultural implement manufacturing .....                          | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333111                        | Farm machinery and equipment manufacturing ..                       | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>NEW KENSINGTON</b>         |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1              | 23                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 19 352                               |
| <b>NEWTOWN (BUCKS COUNTY)</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 6              | 31                              | 12                        | 1 048               | 50 017            | 553                 | 1 101         | 20 511          | 112 384               | 56 898                            | 170 636                            | 3 663                                |
| <b>NORRISTOWN</b>             |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 3              | 38                              | 13                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 845                                |
| <b>NORTHAMPTON TOWNSHIP</b>   |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 3              | 75                              | 25                        | 1 845               | 71 419            | 1 176               | 2 319         | 36 002          | 176 075               | 147 768                           | 319 125                            | 14 905                               |
| 333                           | Machinery manufacturing .....                                       | 8              | 11                              | 6                         | 558                 | 19 985            | 380                 | 750           | 11 576          | 41 848                | 39 061                            | 80 412                             | D                                    |
| <b>NORTH EAST</b>             |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 1              | 8                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 873                                |
| <b>NORTH FAYETTE</b>          |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | -              | 14                              | 6                         | 625                 | 21 241            | 381                 | 760           | 11 516          | 54 203                | 43 894                            | 98 327                             | 2 757                                |
| <b>NORTH HUNTINGDON</b>       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                         | Manufacturing .....   | 3              | 46                              | 14                        | 1 197               | 39 144            | 787                 | 1 500         | 22 103          | 81 564                | 37 923                            | 118 814                            | 2 168                                |

See footnotes at end of table.



**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                        | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                   |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>NORTH STRABANE</b>             |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | -  | 14                              | 4                         | 585                 | 21 898            | 428                 | 887           | 13 723          | 73 474                | 78 670                            | 149 100                            | 2 022                                |
| <b>NORTH UNION</b>                |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | -  | 17                              | 8                         | 952                 | 37 403            | 641                 | 1 282         | 19 126          | 50 662                | 214 147                           | 264 551                            | 17 950                               |
| 334                               | Computer and electronic product manufacturing .....                                  | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3345                              | Navigational, measuring, electromedical, and control instruments manufacturing ..... | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33451                             | Navigational, measuring, electromedical, and control instruments manufacturing ...   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334514                            | Totalizing fluid meter and counting device manufacturing .....                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>OAKMONT</b>                    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | -  | 12                              | 6                         | 558                 | 20 298            | 358                 | 735           | 10 078          | 62 888                | 51 258                            | 111 615                            | 6 036                                |
| <b>OLD FORGE</b>                  |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | 1  | 13                              | 8                         | 845                 | 20 910            | 640                 | 1 228         | 13 335          | 49 062                | 48 175                            | 97 034                             | 787                                  |
| <b>OLYPHANT</b>                   |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | -  | 22                              | 6                         | 2 232               | 82 793            | 2 022               | 4 199         | 72 326          | 356 297               | 213 221                           | 566 104                            | D                                    |
| 334                               | Computer and electronic product manufacturing .....                                  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3346                              | Manufacturing and reproducing magnetic and optical media .....                       | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33461                             | Manufacturing and reproducing magnetic and optical media ...                         | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334612                            | Prerecorded compact disc (except software), tape, and record reproducing .....       | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>ORWIGSBURG</b>                 |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | 3  | 23                              | 14                        | 1 006               | 28 438            | 811                 | 1 599         | 20 904          | 66 450                | 35 436                            | 99 922                             | 2 601                                |
| <b>PALMER</b>                     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | 1  | 30                              | 13                        | 1 122               | 39 417            | 581                 | 1 149         | 16 017          | 116 409               | 87 751                            | 205 344                            | 5 617                                |
| <b>PEN ARGYL</b>                  |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | -  | 7                               | 3                         | 603                 | 16 969            | 465                 | 822           | 8 638           | 35 880                | 43 528                            | 75 090                             | 454                                  |
| 315                               | Apparel manufacturing .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3152                              | Cut and sew apparel manufacturing .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523                             | Women's and girls' cut and sew apparel manufacturing .....                           | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315239                            | Women's and girls' cut and sew other outerwear manufacturing .....                   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>PENN (WESTMORELAND COUNTY)</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | 1  | 20                              | 14                        | 1 112               | 42 154            | 647                 | 1 256         | 16 744          | 97 656                | 90 211                            | 189 041                            | 2 848                                |
| <b>PENN (YORK COUNTY)</b>         |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | -  | 36                              | 22                        | 3 332               | 122 151           | 2 515               | 5 112         | 78 540          | 450 052               | 316 670                           | 772 791                            | 14 398                               |
| 311                               | Food manufacturing .....   | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114                              | Fruit and vegetable preserving and specialty food manufacturing .....                | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31141                             | Frozen food manufacturing ....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311411                            | Frozen fruit, juice, and vegetable manufacturing ...                                 | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323                               | Printing and related support activities .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                              | Printing and related support activities .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311                             | Printing .....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110                            | Commercial lithographic printing .....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>PENN HILLS</b>                 |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....  | -  | 31                              | 9                         | 549                 | 26 149            | 241                 | 476           | 7 770           | 92 386                | 46 372                            | 139 093                            | 1 655                                |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

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| NAICS code          | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                     |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PHILADELPHIA</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33               | Manufacturing .....  | 1  | 1 142                           | 327                       | 42 922              | 1 619 410         | 29 430              | 57 272        | 904 104         | 4 738 528             | 7 051 014                         | 11 639 946                         | 213 094                              |
| 311                 | Food manufacturing .....   | 1  | 167                             | 39                        | 6 705               | 275 035           | 3 916               | 7 923         | 141 674         | 923 243               | 660 832                           | 1 572 643                          | 31 390                               |
| 3116                | Animal slaughtering and processing .....   | 1  | 19                              | 9                         | 1 032               | 39 253            | 692                 | 1 551         | 20 449          | 98 111                | 235 482                           | 332 146                            | 10 177                               |
| 31161               | Animal slaughtering and processing .....   | 1  | 19                              | 9                         | 1 032               | 39 253            | 692                 | 1 551         | 20 449          | 98 111                | 235 482                           | 332 146                            | 10 177                               |
| 311615              | Poultry processing .....   | -  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118                | Bakeries and tortilla manufacturing .....  | -  | 106                             | 18                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 16 278                               |
| 31181               | Bread and bakery product manufacturing .....   | -  | 100                             | 16                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812              | Commercial bakeries .....  | -  | 29                              | 12                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 10 583                               |
| 31182               | Cookie, cracker, and pasta manufacturing .....   | -  | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821              | Cookie and cracker manufacturing .....   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312                 | Beverage and tobacco product manufacturing .....   | 1  | 10                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3121                | Beverage manufacturing .....   | 1  | 6                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31211               | Soft drink and ice manufacturing .....   | -  | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312111              | Soft drink manufacturing .....   | -  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313                 | Textile mills .....  | 1  | 24                              | 9                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315                 | Apparel manufacturing .....  | 3  | 112                             | 32                        | 4 062               | 92 290            | 3 116               | 5 506         | 51 241          | 121 904               | 216 742                           | 346 592                            | D                                    |
| 3152                | Cut and sew apparel manufacturing .....  | 3  | 93                              | 28                        | 3 853               | 87 455            | 2 946               | 5 179         | 48 169          | 113 313               | 207 859                           | 329 006                            | D                                    |
| 31521               | Cut and sew apparel contractors .....  | 7  | 59                              | 16                        | 1 467               | 21 443            | 1 314               | 2 201         | 18 020          | 45 418                | 6 531                             | 51 863                             | D                                    |
| 315211              | Men's and boys' cut and sew apparel contractors .....                                      | 9  | 15                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315212              | Women's, girls', and infants' cut and sew apparel contractors .....                        | 4  | 44                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31522               | Men's and boys' cut and sew apparel manufacturing .....                                    | 3  | 13                              | 5                         | 967                 | 25 417            | 613                 | 1 123         | 11 567          | 40 391                | 54 004                            | 93 044                             | D                                    |
| 315222              | Men's and boys' cut and sew suit, coat, and overcoat manufacturing .....                   | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31523               | Women's and girls' cut and sew apparel manufacturing .....                                 | 1  | 13                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315232              | Women's and girls' cut and sew blouse and shirt manufacturing .....                        | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322                 | Paper manufacturing .....  | 2  | 40                              | 23                        | 2 440               | 108 002           | 1 755               | 3 584         | 66 810          | 263 331               | 348 998                           | 611 152                            | 12 954                               |
| 3222                | Converted paper product manufacturing .....  | -  | 37                              | 21                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221               | Paperboard container manufacturing .....   | -  | 21                              | 14                        | 1 166               | 49 351            | 827                 | 1 596         | 27 889          | 102 765               | 130 527                           | 233 073                            | 7 074                                |
| 322211              | Corrugated and solid fiber box manufacturing .....   | -  | 10                              | 8                         | 882                 | 39 842            | 593                 | 1 118         | 21 296          | 82 618                | 112 444                           | 194 334                            | 5 528                                |
| 323                 | Printing and related support activities .....  | 1  | 143                             | 36                        | 3 309               | 143 299           | 2 130               | 4 240         | 78 575          | 286 464               | 171 172                           | 457 549                            | 11 127                               |
| 3231                | Printing and related support activities .....  | 1  | 143                             | 36                        | 3 309               | 143 299           | 2 130               | 4 240         | 78 575          | 286 464               | 171 172                           | 457 549                            | 11 127                               |
| 32311               | Printing .....   | 1  | 121                             | 33                        | 3 006               | 128 324           | 1 936               | 3 868         | 70 723          | 259 710               | 165 615                           | 425 288                            | 10 164                               |
| 323110              | Commercial lithographic printing .....   | -  | 64                              | 19                        | 1 942               | 91 300            | 1 215               | 2 552         | 49 981          | 171 605               | 113 900                           | 283 976                            | 7 427                                |
| 324                 | Petroleum and coal products manufacturing .....  | -  | 5                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241                | Petroleum and coal products manufacturing .....  | -  | 5                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32411               | Petroleum refineries .....   | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110              | Petroleum refineries .....   | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                 | Chemical manufacturing .....   | 2  | 50                              | 30                        | 3 321               | 143 732           | 1 958               | 3 833         | 66 558          | 571 823               | 409 625                           | 974 309                            | 40 087                               |
| 3252                | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing ..... | -  | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32521               | Resin and synthetic rubber manufacturing .....   | -  | 6                               | 6                         | 886                 | 32 814            | 628                 | 780           | 18 263          | 61 979                | 132 231                           | 192 521                            | 2 533                                |
| 325211              | Plastics material and resin manufacturing .....  | -  | 6                               | 6                         | 886                 | 32 814            | 628                 | 780           | 18 263          | 61 979                | 132 231                           | 192 521                            | 2 533                                |
| 3254                | Pharmaceutical and medicine manufacturing .....  | 4  | 5                               | 5                         | 1 135               | 48 807            | 580                 | 1 409         | 20 060          | 123 376               | 80 829                            | 197 249                            | 30 569                               |
| 32541               | Pharmaceutical and medicine manufacturing .....  | 4  | 5                               | 5                         | 1 135               | 48 807            | 580                 | 1 409         | 20 060          | 123 376               | 80 829                            | 197 249                            | 30 569                               |
| 325412              | Pharmaceutical preparation manufacturing .....   | 4  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

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| NAICS code               | Geographic area and industry  | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|--------------------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                          |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>PHILADELPHIA—Con.</b> |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 326                      | Plastics and rubber products manufacturing .....  | 6                               | 33    | 13                        | 1 096               | 40 042             | 798                 | 1 733         | 23 836                | 91 692                            | 84 739                             | 176 991                              | 5 736           |
| 3261                     | Plastics product manufacturing ..   | 6                               | 28    | 11                        | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332                      | Fabricated metal product manufacturing .....  | 4                               | 166   | 40                        | 3 951               | 157 170            | 2 992               | 6 324         | 98 394                | 434 573                           | 206 684                            | 561 633                              | 23 623          |
| 3323                     | Architectural and structural metals manufacturing .....                                 | 5                               | 54    | 14                        | 2 393               | 97 788             | 1 879               | 4 090         | 64 349                | 277 598                           | 125 676                            | 325 527                              | 18 836          |
| 33231                    | Plate work and fabricated structural product manufacturing .....                        | 9                               | 11    | 4                         | 1 116               | 60 002             | 864                 | 2 025         | 41 313                | 190 599                           | 59 046                             | 170 888                              | D               |
| 332312                   | Fabricated structural metal manufacturing .....   | 9                               | 9     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33232                    | Ornamental and architectural metal products manufacturing .....                         | 1                               | 43    | 10                        | 1 277               | 37 786             | 1 015               | 2 065         | 23 036                | 86 999                            | 66 630                             | 154 639                              | D               |
| 332322                   | Sheet metal work manufacturing .....  | 1                               | 17    | 5                         | 756                 | 21 448             | 622                 | 1 272         | 13 193                | 48 866                            | 38 342                             | 87 497                               | 1 320           |
| 333                      | Machinery manufacturing .....   | 5                               | 54    | 18                        | 1 293               | 51 227             | 836                 | 1 578         | 27 918                | 97 423                            | 75 370                             | 172 974                              | 3 060           |
| 334                      | Computer and electronic product manufacturing .....                                     | 2                               | 26    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 852           |
| 3345                     | Navigational, measuring, electromedical, and control instruments manufacturing .....    | 2                               | 9     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 420           |
| 33451                    | Navigational, measuring, electromedical, and control instruments manufacturing .....    | 2                               | 9     | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 3 420           |
| 335                      | Electrical equipment, appliance, and component manufacturing .....                      | 2                               | 25    | 12                        | 2 848               | 93 102             | 2 013               | 3 902         | 48 563                | 163 393                           | 326 676                            | 502 395                              | D               |
| 3351                     | Electric lighting equipment manufacturing .....   | 4                               | 18    | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33512                    | Lighting fixture manufacturing ..   | 4                               | 18    | 8                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335121                   | Residential electric lighting fixture manufacturing .....                               | 3                               | 10    | 5                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335122                   | Commercial, industrial, and institutional electric lighting fixture manufacturing ..... | 4                               | 7     | 3                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3353                     | Electrical equipment manufacturing .....  | -                               | 5     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33531                    | Electrical equipment manufacturing .....  | -                               | 5     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335313                   | Switchgear and switchboard apparatus manufacturing .....                                | -                               | 3     | 3                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336                      | Transportation equipment manufacturing .....  | -                               | 18    | 11                        | 4 876               | 142 925            | 3 965               | 7 061         | 102 884               | 280 996                           | 247 451                            | 494 886                              | D               |
| 3363                     | Motor vehicle parts manufacturing .....   | -                               | 16    | 11                        | h                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33632                    | Motor vehicle electrical and electronic equipment manufacturing .....                   | -                               | 7     | 4                         | 2 709               | 53 495             | 2 221               | 4 057         | 36 101                | 91 500                            | 105 084                            | 159 642                              | D               |
| 336322                   | Other motor vehicle electrical and electronic equipment manufacturing .....             | -                               | 7     | 4                         | 2 709               | 53 495             | 2 221               | 4 057         | 36 101                | 91 500                            | 105 084                            | 159 642                              | D               |
| 33634                    | Motor vehicle brake system manufacturing .....  | -                               | 3     | 3                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 336340                   | Motor vehicle brake system manufacturing .....  | -                               | 3     | 3                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 337                      | Furniture and related product manufacturing .....                                       | 2                               | 68    | 15                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 5 342           |
| 3372                     | Office furniture (including fixtures) manufacturing .....                               | -                               | 17    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 175           |
| 33721                    | Office furniture (including fixtures) manufacturing .....                               | -                               | 17    | 10                        | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 2 175           |
| 337215                   | Showcase, partition, shelving, and locker manufacturing .....                           | -                               | 11    | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | 1 910           |
| 339                      | Miscellaneous manufacturing .....   | 4                               | '126  | 25                        | '2 358              | '86 865            | '1 624              | '3 040        | '41 492               | '219 784                          | '157 515                           | '370 870                             | '6 277          |
| 3391                     | Medical equipment and supplies manufacturing .....                                      | 4                               | 46    | 9                         | 629                 | 25 948             | 419                 | 767           | 11 879                | 44 775                            | 23 830                             | 68 880                               | 2 765           |
| 33911                    | Medical equipment and supplies manufacturing .....                                      | 4                               | 46    | 9                         | 629                 | 25 948             | 419                 | 767           | 11 879                | 44 775                            | 23 830                             | 68 880                               | 2 765           |
| 3399                     | Other miscellaneous manufacturing .....   | 4                               | '80   | 16                        | '1 729              | '60 917            | '1 205              | '2 273        | '29 613               | '175 009                          | '133 685                           | '301 990                             | '3 512          |
| 33999                    | All other miscellaneous manufacturing .....   | 4                               | '29   | 8                         | '916                | '29 766            | '684                | '1 234        | '15 890               | '97 206                           | '72 404                            | '163 963                             | '1 716          |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code        | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>PITTSBURGH</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | 1  | 418                             | 117                       | 13 416              | 540 973           | 8 518               | 16 041        | 304 700         | 2 220 874             | 1 229 997                         | 3 455 339                          | 52 381                               |
| 311               | Food manufacturing .....  | 3  | 42                              | 12                        | 1 606               | 48 449            | 1 202               | 2 173         | 34 271          | 263 993               | 227 159                           | 489 146                            | 7 274                                |
| 3114              | Fruit and vegetable preserving and specialty food manufacturing ..... | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142             | Fruit and vegetable canning, pickling, and drying .....               | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311422            | Specialty canning .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118              | Bakeries and tortilla manufacturing .....                             | 8  | 25                              | 6                         | 595                 | 18 345            | 375                 | 767           | 12 002          | 81 752                | 27 281                            | 108 887                            | 2 974                                |
| 323               | Printing and related support activities .....                         | —  | 80                              | 26                        | 1 747               | 61 206            | 1 318               | 2 426         | 39 621          | 124 072               | 73 511                            | 197 733                            | 13 004                               |
| 3231              | Printing and related support activities .....                         | —  | 80                              | 26                        | 1 747               | 61 206            | 1 318               | 2 426         | 39 621          | 124 072               | 73 511                            | 197 733                            | 13 004                               |
| 32311             | Printing .....  | —  | 73                              | 22                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110            | Commercial lithographic printing .....                                | —  | 36                              | 13                        | 1 009               | 36 432            | 774                 | 1 311         | 23 717          | 78 968                | 50 003                            | 127 258                            | 9 669                                |
| 331               | Primary metal manufacturing .....                                     | —  | 10                              | 7                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 11 435                               |
| 3311              | Iron and steel mills and ferroalloy manufacturing .....               | —  | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111             | Iron and steel mills and ferroalloy manufacturing .....               | —  | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111            | Iron and steel mills .....  | —  | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315              | Foundries .....   | —  | 3                               | 3                         | 625                 | 25 248            | 331                 | 714           | 12 669          | 36 325                | 26 047                            | 63 618                             | D                                    |
| 332               | Fabricated metal product manufacturing .....                          | —  | 59                              | 17                        | 982                 | 36 956            | 689                 | 1 462         | 22 285          | 119 883               | 336 498                           | 449 948                            | 3 181                                |
| 333               | Machinery manufacturing .....   | 1  | 29                              | 10                        | 1 463               | 64 046            | 547                 | 1 076         | 21 438          | 173 737               | 68 928                            | 246 961                            | 3 639                                |
| 3339              | Other general purpose machinery manufacturing .....                   | —  | 8                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 824                                |
| 33399             | All other general purpose machinery manufacturing .....               | —  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333993            | Packaging machinery manufacturing .....                               | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334               | Computer and electronic product manufacturing .....                   | 1  | 20                              | 6                         | 657                 | 35 712            | 189                 | 384           | 8 088           | 97 309                | 40 998                            | 136 802                            | 3 175                                |
| 336               | Transportation equipment manufacturing .....                          | 9  | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339               | Miscellaneous manufacturing .....                                     | 1  | 51                              | 10                        | 739                 | 30 279            | 559                 | 913           | 22 074          | 56 013                | 48 050                            | 105 330                            | 1 316                                |
| 3399              | Other miscellaneous manufacturing .....                               | 1  | 36                              | 6                         | 574                 | 24 647            | 455                 | 700           | 18 834          | 47 869                | 43 695                            | 92 764                             | 544                                  |
| <b>PLUM</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | 1  | 30                              | 8                         | 695                 | 23 629            | 471                 | 976           | 11 782          | 50 747                | 39 537                            | 92 190                             | 4 954                                |
| <b>PLUMSTEAD</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | 2  | 35                              | 9                         | 1 184               | 46 735            | 785                 | 1 613         | 25 373          | 112 828               | 59 059                            | 176 146                            | 2 722                                |
| <b>POTTSTOWN</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | —  | 61                              | 31                        | 2 624               | 102 274           | 1 983               | 3 998         | 65 930          | 214 248               | 178 553                           | 394 661                            | 19 193                               |
| 336               | Transportation equipment manufacturing .....                          | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363              | Motor vehicle parts manufacturing .....                               | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33635             | Motor vehicle transmission and power train parts manufacturing .....  | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336350            | Motor vehicle transmission and power train parts manufacturing .....  | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>POTTSVILLE</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | —  | 18                              | 7                         | 814                 | 32 951            | 632                 | 1 217         | 22 287          | 237 812               | 84 672                            | 320 433                            | 3 796                                |
| <b>QUAKERTOWN</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33             | Manufacturing .....   | 5  | 30                              | 11                        | 1 083               | 39 292            | 841                 | 1 713         | 24 920          | 112 031               | 121 686                           | 230 875                            | 3 750                                |

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|--------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                    |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>READING</b>     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | 1  | 128                             | 56                        | 9 852               | 430 172           | 7 057               | 14 093        | 255 599         | 1 263 740             | 1 160 602                         | 2 455 708                          | 80 245                               |
| 311                | Food manufacturing .....   | -  | 15                              | 7                         | 1 302               | 49 574            | 1 057               | 2 229         | 35 766          | 270 355               | 133 674                           | 404 600                            | 8 948                                |
| 3118               | Bakeries and tortilla manufacturing .....                        | -  | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181              | Bread and bakery product manufacturing .....                     | -  | 8                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                | Chemical manufacturing .....                                     | -  | 10                              | 5                         | 844                 | 40 797            | 447                 | 872           | 15 470          | 183 630               | 175 078                           | 352 369                            | D                                    |
| 3255               | Paint, coating, and adhesive manufacturing .....                 | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32551              | Paint and coating manufacturing .....                            | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325510             | Paint and coating manufacturing .....                            | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                | Plastics and rubber products manufacturing .....                 | -  | 6                               | 5                         | 985                 | 35 712            | 701                 | 1 408         | 20 151          | 80 773                | 53 321                            | 133 256                            | D                                    |
| 3261               | Plastics product manufacturing ..                                | -  | 6                               | 5                         | 985                 | 35 712            | 701                 | 1 408         | 20 151          | 80 773                | 53 321                            | 133 256                            | D                                    |
| 32619              | Other plastics product manufacturing .....                       | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199             | All other plastics product manufacturing .....                   | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                | Primary metal manufacturing .....                                | 1  | 8                               | 6                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311               | Iron and steel mills and ferroalloy manufacturing .....          | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111              | Iron and steel mills and ferroalloy manufacturing .....          | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111             | Iron and steel mills .....                                       | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                | Fabricated metal product manufacturing .....                     | -  | 22                              | 5                         | 949                 | 27 276            | 713                 | 1 412         | 12 875          | 138 213               | 58 355                            | 199 314                            | D                                    |
| 3325               | Hardware manufacturing .....                                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33251              | Hardware manufacturing .....                                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332510             | Hardware manufacturing .....                                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                | Computer and electronic product manufacturing .....              | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344               | Semiconductor and other electronic component manufacturing ..... | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441              | Semiconductor and other electronic component manufacturing ..... | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413             | Semiconductor and related device manufacturing .....             | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                | Miscellaneous manufacturing .....                                | 8  | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 506                                |
| <b>RED LION</b>    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | 1  | 25                              | 13                        | 1 539               | 48 723            | 1 255               | 2 396         | 36 466          | 137 301               | 107 088                           | 242 751                            | 6 770                                |
| 332                | Fabricated metal product manufacturing .....                     | -  | 8                               | 3                         | 562                 | 22 174            | 434                 | 876           | 15 763          | 54 637                | 45 547                            | 101 621                            | D                                    |
| 337                | Furniture and related product manufacturing .....                | 1  | 6                               | 5                         | 658                 | 17 086            | 564                 | 1 024         | 14 041          | 59 137                | 30 352                            | 86 680                             | 1 968                                |
| <b>RICHLAND</b>    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | -  | 14                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 061                                |
| <b>RIDGWAY</b>     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | -  | 25                              | 10                        | 1 000               | 35 608            | 802                 | 1 546         | 24 259          | 93 918                | 68 726                            | 162 506                            | 7 471                                |
| 332                | Fabricated metal product manufacturing .....                     | -  | 15                              | 5                         | 843                 | 30 618            | 690                 | 1 321         | 21 283          | 79 574                | 42 285                            | 121 260                            | 6 996                                |
| 3321               | Forging and stamping .....                                       | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 679                                |
| 33211              | Forging and stamping .....                                       | -  | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 679                                |
| 332117             | Powder metallurgy part manufacturing .....                       | -  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>RIDLEY PARK</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33              | Manufacturing .....  | 9  | 2                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                | Transportation equipment manufacturing .....                     | 9  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364               | Aerospace product and parts manufacturing .....                  | 9  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641              | Aerospace product and parts manufacturing .....                  | 9  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336411             | Aircraft manufacturing .....                                     | 9  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code              | Geographic area and industry  | All establishments <sup>2</sup> |       | All employees             |                     | Production workers |                     |               | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |                 |
|-------------------------|---|---------------------------------|-------|---------------------------|---------------------|--------------------|---------------------|---------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|-----------------|
|                         |   | E <sup>1</sup>                  | Total | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000)  | Number <sup>4</sup> | Hours (1,000) |                       |                                   |                                    |                                      | Wages (\$1,000) |
| <b>ST. MARYS</b>        |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | 2                               | 74    | 30                        | 4 189               | 151 209            | 3 198               | 6 574         | 104 336               | 461 629                           | 250 494                            | 685 866                              | 32 684          |
| 332                     | Fabricated metal product manufacturing .....                          | 1                               | 33    | 10                        | 1 756               | 55 140             | 1 453               | 2 894         | 41 656                | 113 070                           | 64 906                             | 177 553                              | D               |
| 3321                    | Forging and stamping.....   | 1                               | 7     | 6                         | 1 523               | 47 158             | 1 275               | 2 528         | 36 478                | 94 777                            | 58 981                             | 153 442                              | D               |
| 33211                   | Forging and stamping.....   | 1                               | 7     | 6                         | 1 523               | 47 158             | 1 275               | 2 528         | 36 478                | 94 777                            | 58 981                             | 153 442                              | D               |
| 332117                  | Powder metallurgy part manufacturing .....                            | 1                               | 7     | 6                         | 1 523               | 47 158             | 1 275               | 2 528         | 36 478                | 94 777                            | 58 981                             | 153 442                              | D               |
| 335                     | Electrical equipment, appliance, and component manufacturing .....    | 2                               | 8     | 8                         | 1 385               | 61 020             | 1 047               | 2 294         | 42 128                | 259 622                           | 144 830                            | 379 293                              | D               |
| 3359                    | Other electrical equipment and component manufacturing.....           | 4                               | 7     | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33599                   | All other electrical equipment and component manufacturing .....      | 4                               | 6     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 335991                  | Carbon and graphite product manufacturing .....                       | 4                               | 6     | 6                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| <b>SAYRE</b>            |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | 1                               | 14    | 6                         | g                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| <b>SCHUYLKILL HAVEN</b> |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | 2                               | 23    | 8                         | 768                 | 19 220             | 551                 | 1 005         | 13 035                | 59 739                            | 68 702                             | 125 998                              | 1 748           |
| <b>SCOTSDALE</b>        |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | —                               | 11    | 5                         | 1 011               | 26 548             | 788                 | 1 555         | 18 784                | 51 426                            | 92 102                             | 145 262                              | D               |
| 322                     | Paper manufacturing .....   | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3222                    | Converted paper product manufacturing .....                           | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 32223                   | Stationery product manufacturing .....                                | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 322232                  | Envelope manufacturing .....  | —                               | 1     | 1                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| <b>SCRANTON</b>         |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | 3                               | 112   | 45                        | 3 714               | 115 003            | 2 738               | 5 128         | 73 028                | 366 894                           | 306 382                            | 676 831                              | 22 305          |
| 311                     | Food manufacturing .....  | 9                               | 21    | 9                         | 757                 | 16 493             | 519                 | 858           | 10 886                | 115 101                           | 66 150                             | 180 425                              | 2 746           |
| 326                     | Plastics and rubber products manufacturing .....                      | 1                               | 13    | 7                         | 793                 | 29 667             | 595                 | 1 263         | 20 138                | 75 392                            | 131 320                            | 207 167                              | 12 752          |
| 3261                    | Plastics product manufacturing ..                                     | 1                               | 12    | 7                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 332                     | Fabricated metal product manufacturing .....                          | 1                               | 17    | 8                         | 733                 | 29 004             | 542                 | 1 130         | 18 675                | 88 275                            | 24 899                             | 113 817                              | 758             |
| <b>SELINGSGROVE</b>     |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | 3                               | 14    | 6                         | 896                 | 20 077             | 815                 | 1 643         | 16 929                | 47 073                            | 73 296                             | 120 775                              | 3 075           |
| <b>SHALER</b>           |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | —                               | 24    | 11                        | 916                 | 36 310             | 645                 | 1 297         | 20 503                | 96 417                            | 60 251                             | 146 830                              | 5 562           |
| <b>SHARON</b>           |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | —                               | 22    | 6                         | 1 289               | 49 810             | 990                 | 1 984         | 35 773                | 181 818                           | 304 107                            | 498 371                              | 6 345           |
| 331                     | Primary metal manufacturing .....                                     | —                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 3312                    | Steel product manufacturing from purchased steel .....                | —                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 33121                   | Iron and steel pipe and tube manufacturing from purchased steel ..... | —                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| 331210                  | Iron and steel pipe and tube manufacturing from purchased steel ..... | —                               | 2     | 2                         | f                   | D                  | D                   | D             | D                     | D                                 | D                                  | D                                    | D               |
| <b>SHILLINGTON</b>      |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | —                               | 6     | 2                         | 508                 | 17 143             | 308                 | 587           | 9 120                 | 31 108                            | 13 382                             | 44 430                               | 749             |
| <b>SHIPPENSBURG</b>     |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | —                               | 10    | 6                         | 533                 | 15 817             | 453                 | 945           | 12 773                | 39 585                            | 58 814                             | 98 280                               | 593             |
| <b>SILVER SPRING</b>    |   |                                 |       |                           |                     |                    |                     |               |                       |                                   |                                    |                                      |                 |
| 31-33                   | Manufacturing .....   | —                               | 18    | 12                        | 597                 | 19 330             | 412                 | 784           | 10 365                | 33 102                            | 40 584                             | 74 263                               | 1 609           |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry                            | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>SINKING SPRING</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | -  | 9                               | 5                         | 1 000               | 36 305            | 881                 | 1 913         | 28 521          | 78 762                | 158 329                           | 238 095                            | 3 080                                |
| 339                      | Miscellaneous manufacturing .....                       | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391                     | Medical equipment and supplies manufacturing .....      | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911                    | Medical equipment and supplies manufacturing .....      | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112                   | Surgical and medical instrument manufacturing ..        | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>SOMERSET BOROUGH</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | -  | 17                              | 8                         | 1 918               | 61 299            | 1 469               | 2 986         | 37 662          | 152 804               | 187 205                           | 340 102                            | 6 733                                |
| 336                      | Transportation equipment manufacturing .....            | -  | 3                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362                     | Motor vehicle body and trailer manufacturing .....      | -  | 3                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621                    | Motor vehicle body and trailer manufacturing .....      | -  | 3                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336214                   | Travel trailer and camper manufacturing .....           | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>SOMERSET TOWNSHIP</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | 1  | 28                              | 10                        | 779                 | 21 805            | 678                 | 1 263         | 17 519          | 46 991                | 47 174                            | 91 798                             | 1 327                                |
| <b>SOUTH FAYETTE</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | -  | 15                              | 9                         | 673                 | 25 953            | 459                 | 900           | 15 407          | 59 006                | 79 803                            | 140 561                            | 1 260                                |
| <b>SOUTH WHITEHALL</b>   |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | 1  | 13                              | 5                         | 597                 | 23 104            | 435                 | 902           | 14 730          | 75 134                | 69 059                            | 133 955                            | 6 684                                |
| <b>SPRING</b>            |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | -  | 15                              | 5                         | 521                 | 20 228            | 392                 | 688           | 12 415          | 35 697                | 35 951                            | 70 570                             | 506                                  |
| <b>SPRINGDALE</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | 1  | 6                               | 5                         | 524                 | 26 953            | 292                 | 601           | 12 489          | 78 227                | 149 659                           | 226 736                            | 1 873                                |
| <b>SPRINGETTSBURY</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | -  | 38                              | 21                        | 5 947               | 260 130           | 4 615               | 10 195        | 188 317         | 1 031 769             | 824 103                           | 1 832 818                          | D                                    |
| 333                      | Machinery manufacturing .....                           | 1  | 8                               | 7                         | 760                 | 36 436            | 391                 | 873           | 15 123          | 119 740               | 75 311                            | 175 719                            | 2 361                                |
| 336                      | Transportation equipment manufacturing .....            | -  | 1                               | h                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3369                     | Other transportation equipment manufacturing .....      | -  | 1                               | h                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33699                    | Other transportation equipment manufacturing .....      | -  | 1                               | h                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336991                   | Motorcycle, bicycle, and parts manufacturing .....      | -  | 1                               | h                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>SPRING GARDEN</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | -  | 26                              | 9                         | 1 429               | 55 012            | 1 133               | 2 030         | 39 066          | 146 239               | 117 751                           | 263 827                            | 6 760                                |
| <b>STEELTON</b>          |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | -  | 4                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                      | Primary metal manufacturing .....                       | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311                     | Iron and steel mills and ferroalloy manufacturing ..... | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                    | Iron and steel mills and ferroalloy manufacturing ..... | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                   | Iron and steel mills .....                              | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>SUNBURY</b>           |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | 1  | 21                              | 8                         | 1 386               | 48 695            | 796                 | 1 611         | 24 446          | 142 956               | 104 769                           | 245 361                            | D                                    |
| 311                      | Food manufacturing .....                                | -  | 3                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118                     | Bakeries and tortilla manufacturing .....               | -  | 2                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31181                    | Bread and bakery product manufacturing .....            | -  | 2                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311812                   | Commercial bakeries .....                               | -  | 2                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>SWATARA</b>           |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....                                     | -  | 40                              | 15                        | 1 405               | 45 739            | 1 136               | 2 268         | 33 664          | 145 105               | 101 462                           | 246 901                            | 3 530                                |
| 311                      | Food manufacturing .....                                | -  | 3                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3119                     | Other food manufacturing .....                          | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31199                    | All other food manufacturing ..                         | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311991                   | Perishable prepared food manufacturing .....            | -  | 1                               | f                         | D                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| NAICS code              | Geographic area and industry                               | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                         |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>TAMAQUA</b>          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | —  | 14                              | 7                         | 1 027               | 34 295            | 800                 | 1 792         | 20 624          | 91 261                | 106 310                           | 229 629                            | 4 595                                |
| 315                     | Apparel manufacturing .....                                | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3151                    | Apparel knitting mills .....                               | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31519                   | Other apparel knitting mills ....                          | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315192                  | Underwear and nightwear<br>knitting mills .....            | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>TAYLOR</b>           |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 1  | 7                               | 4                         | 671                 | 21 714            | 564                 | 998           | 14 087          | 65 159                | 32 255                            | 97 730                             | D                                    |
| <b>TELFORD</b>          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 2  | 30                              | 10                        | 1 332               | 47 501            | 787                 | 1 640         | 29 392          | 176 044               | 141 470                           | 321 357                            | 5 846                                |
| <b>TITUSVILLE</b>       |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 1  | 29                              | 12                        | 706                 | 22 809            | 579                 | 1 270         | 16 936          | 55 525                | 76 177                            | 132 537                            | 3 200                                |
| <b>TOWAMENCIN</b>       |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 4  | 20                              | 10                        | 1 514               | 65 884            | 913                 | 1 783         | 31 950          | 135 396               | 72 563                            | 207 390                            | 4 666                                |
| 339                     | Miscellaneous manufacturing .....                          | 4  | 5                               | 5                         | 1 157               | 51 040            | 643                 | 1 248         | 21 827          | 103 089               | 53 420                            | 153 256                            | 2 913                                |
| 3399                    | Other miscellaneous<br>manufacturing .....                 | 7  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33999                   | All other miscellaneous<br>manufacturing .....             | 6  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339991                  | Gasket, packing, and sealing<br>device manufacturing ..... | 6  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>TOWANDA</b>          |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 9  | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321                     | Wood product manufacturing .....                           | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219                    | Other wood product<br>manufacturing .....                  | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191                   | Millwork .....   | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321911                  | Wood window and door<br>manufacturing .....                | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>TREDYFFRIN</b>       |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 9  | 26                              | 8                         | 1 973               | 93 540            | 1 218               | 2 531         | 37 855          | 326 312               | 464 878                           | 782 618                            | 22 528                               |
| 336                     | Transportation equipment<br>manufacturing .....            | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363                    | Motor vehicle parts<br>manufacturing .....                 | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33639                   | Other motor vehicle parts<br>manufacturing .....           | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336399                  | All other motor vehicle parts<br>manufacturing .....       | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                     | Miscellaneous manufacturing .....                          | 9  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391                    | Medical equipment and supplies<br>manufacturing .....      | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911                   | Medical equipment and<br>supplies manufacturing .....      | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112                  | Surgical and medical<br>instrument manufacturing ..        | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>TYRONE</b>           |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 3  | 16                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>UNION CITY</b>       |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | 4  | 8                               | 5                         | 774                 | 21 181            | 614                 | 1 199         | 15 177          | 49 932                | 31 821                            | 83 092                             | 1 960                                |
| <b>UPPER CHICHESTER</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | —  | 12                              | 7                         | 701                 | 28 976            | 484                 | 925           | 14 639          | 63 443                | 41 227                            | 103 498                            | 4 268                                |
| <b>UPPER DUBLIN</b>     |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                   | Manufacturing .....  | —  | 20                              | 11                        | 3 254               | 217 995           | 747                 | 1 735         | 36 144          | 491 947               | 117 649                           | 611 865                            | D                                    |
| 325                     | Chemical manufacturing .....                               | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254                    | Pharmaceutical and medicine<br>manufacturing .....         | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                   | Pharmaceutical and medicine<br>manufacturing .....         | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412                  | Pharmaceutical preparation<br>manufacturing .....          | —  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code               | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                          |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>UPPER GWYNEDD</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | -  | '27                             | '15                       | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                      | Chemical manufacturing .....  | -  | 3                               | 2                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254                     | Pharmaceutical and medicine manufacturing .....   | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                    | Pharmaceutical and medicine manufacturing .....   | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412                   | Pharmaceutical preparation manufacturing .....  | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>UPPER MACUNGIE</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | 1  | '55                             | '34                       | '4 490              | '245 688          | '2 488              | '5 196        | '103 918        | '1 656 057            | '812 975                          | 2 472 422                          | 46 074                               |
| 311                      | Food manufacturing .....  | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3115                     | Dairy product manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31151                    | Dairy product (except frozen) manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311513                   | Cheese manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                      | Computer and electronic product manufacturing .....   | 3  | 8                               | 8                         | 1 689               | 114 570           | 552                 | 1 215         | 28 341          | 62 594                | 114 188                           | 183 148                            | D                                    |
| 3342                     | Communications equipment manufacturing .....  | 2  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33422                    | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 1  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334220                   | Radio and television broadcasting and wireless communications equipment manufacturing ..... | 1  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>UPPER MERION</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | -  | 58                              | 15                        | 2 640               | 134 690           | 1 970               | 4 157         | 75 007          | 689 933               | 310 989                           | 1 006 878                          | 21 247                               |
| 312                      | Beverage and tobacco product manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3122                     | Tobacco manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31222                    | Tobacco product manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 312229                   | Other tobacco product manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322                      | Paper manufacturing .....   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222                     | Converted paper product manufacturing .....   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229                    | Other converted paper product manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291                   | Sanitary paper product manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>UPPER MORELAND</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | 3  | 71                              | 18                        | 1 148               | 48 197            | 829                 | 1 704         | 29 013          | 105 226               | 74 885                            | 181 058                            | 4 307                                |
| <b>UPPER SAUCON</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | -  | 9                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335                      | Electrical equipment, appliance, and component manufacturing .....                          | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359                     | Other electrical equipment and component manufacturing .....                                | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593                    | Wiring device manufacturing .....   | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931                   | Current-carrying wiring device manufacturing .....  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>UPPER SOUTHAMPTON</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | -  | 33                              | 14                        | 1 369               | 57 167            | 977                 | 1 835         | 32 147          | 140 649               | 123 446                           | 259 886                            | 3 896                                |
| <b>UWCHLAN</b>           |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | 1  | 34                              | 17                        | 1 858               | 81 040            | 1 148               | 2 343         | 36 201          | 171 557               | 125 566                           | 299 276                            | 20 667                               |
| 313                      | Textile mills .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132                     | Fabric mills .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31322                    | Narrow fabric mills and schiffli machine embroidery .....                                   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 313221                   | Narrow fabric mills .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>VERONA</b>            |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                    | Manufacturing .....   | -  | 11                              | 5                         | 580                 | 18 848            | 439                 | 954           | 10 401          | 59 058                | 48 466                            | 107 544                            | 4 031                                |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

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| NAICS code                        | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-----------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>WARMINSTER</b>                 |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....   | -  | 79                              | 33                        | 2 695               | 113 199           | 1 695               | 3 558         | 53 320          | 300 421               | 229 498                           | 535 108                            | 26 323                               |
| 323                               | Printing and related support activities .....   | -  | 12                              | 7                         | 636                 | 22 454            | 443                 | 896           | 12 981          | 51 868                | 33 791                            | 85 603                             | 5 791                                |
| 3231                              | Printing and related support activities .....   | -  | 12                              | 7                         | 636                 | 22 454            | 443                 | 896           | 12 981          | 51 868                | 33 791                            | 85 603                             | 5 791                                |
| 32311                             | Printing .....  | -  | 12                              | 7                         | 636                 | 22 454            | 443                 | 896           | 12 981          | 51 868                | 33 791                            | 85 603                             | 5 791                                |
| 323110                            | Commercial lithographic printing .....  | -  | 7                               | 6                         | 582                 | 20 885            | 402                 | 820           | 12 068          | 49 019                | 32 019                            | 80 977                             | 5 687                                |
| 326                               | Plastics and rubber products manufacturing .....  | -  | 6                               | 3                         | 526                 | 22 100            | 381                 | 811           | 11 471          | 44 809                | 31 111                            | 76 531                             | 2 136                                |
| 3261                              | Plastics product manufacturing ..   | -  | 6                               | 3                         | 526                 | 22 100            | 381                 | 811           | 11 471          | 44 809                | 31 111                            | 76 531                             | 2 136                                |
| 32619                             | Other plastics product manufacturing .....  | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                            | All other plastics product manufacturing .....  | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WARREN</b>                     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....   | -  | 30                              | 15                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 13 313                               |
| 324                               | Petroleum and coal products manufacturing .....   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241                              | Petroleum and coal products manufacturing .....   | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32411                             | Petroleum refineries .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110                            | Petroleum refineries .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                               | Plastics and rubber products manufacturing .....  | 1  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 325                                |
| 3261                              | Plastics product manufacturing ..   | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                             | Other plastics product manufacturing .....  | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                            | All other plastics product manufacturing .....  | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WARRINGTON</b>                 |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....   | 1  | 31                              | 9                         | 826                 | 34 104            | 639                 | 1 322         | 22 745          | 75 377                | 34 046                            | 108 916                            | 3 020                                |
| <b>WARWICK (LANCASTER COUNTY)</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....   | -  | 26                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                               | Chemical manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254                              | Pharmaceutical and medicine manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                             | Pharmaceutical and medicine manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412                            | Pharmaceutical preparation manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WASHINGTON CITY</b>            |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....   | 4  | 33                              | 8                         | 807                 | 33 839            | 586                 | 1 221         | 22 445          | 77 957                | 105 404                           | 198 642                            | 6 416                                |
| <b>WAYNESBORO</b>                 |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....   | -  | 24                              | 10                        | 1 863               | 63 269            | 1 078               | 1 671         | 25 343          | 115 970               | 106 410                           | 238 097                            | 3 512                                |
| 333                               | Machinery manufacturing .....   | -  | 5                               | 5                         | 1 181               | 45 299            | 643                 | 1 163         | 17 048          | 77 043                | 80 934                            | 173 647                            | D                                    |
| 3334                              | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341                             | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333415                            | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WELLSBORO</b>                  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                             | Manufacturing .....   | -  | 10                              | 4                         | 615                 | 19 059            | 532                 | 1 114         | 14 739          | 94 577                | 57 463                            | 150 803                            | D                                    |

See footnotes at end of table.

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| NAICS code             | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                        |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>WEST CHESTER</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 6  | 28                              | 7                         | 1 075               | 78 031            | 628                 | 1 277         | 34 936          | 344 736               | 109 459                           | 448 820                            | 13 551                               |
| 339                    | Miscellaneous manufacturing .....   | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391                   | Medical equipment and supplies manufacturing .....                              | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911                  | Medical equipment and supplies manufacturing .....                              | 9  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112                 | Surgical and medical instrument manufacturing ..                                | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WEST GOSHEN</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 2  | 66                              | 15                        | 1 180               | 41 836            | 770                 | 1 539         | 22 592          | 107 995               | 96 685                            | 203 844                            | 6 036                                |
| <b>WEST HAZLETON</b>   |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | 3  | 8                               | 6                         | 1 518               | 55 134            | 1 309               | 2 662         | 44 501          | 135 196               | 247 593                           | 383 733                            | 8 107                                |
| 326                    | Plastics and rubber products manufacturing .....                                | 9  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261                   | Plastics product manufacturing ..   | 9  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32611                  | Plastics packaging materials and unlaminated film and sheet manufacturing ..... | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326112                 | Plastics packaging film and sheet (including laminated) manufacturing .....     | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WEST HEMPFIELD</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -  | 19                              | 7                         | 508                 | 18 218            | 360                 | 756           | 11 543          | 48 774                | 116 270                           | 166 098                            | 1 956                                |
| <b>WEST MANCHESTER</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -  | 31                              | 16                        | 2 681               | 107 083           | 1 919               | 3 956         | 71 500          | 365 183               | 318 172                           | 688 201                            | 15 941                               |
| 323                    | Printing and related support activities .....                                   | -  | 8                               | 5                         | 525                 | 21 030            | 424                 | 888           | 15 318          | 43 997                | 53 329                            | 96 817                             | 3 843                                |
| 3231                   | Printing and related support activities .....                                   | -  | 8                               | 5                         | 525                 | 21 030            | 424                 | 888           | 15 318          | 43 997                | 53 329                            | 96 817                             | 3 843                                |
| 333                    | Machinery manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3336                   | Engine, turbine, and power transmission equipment manufacturing .....           | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33361                  | Engine, turbine, and power transmission equipment manufacturing .....           | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333611                 | Turbine and turbine generator set units manufacturing .....                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WEST MIFFLIN</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -  | 17                              | 5                         | 6 524               | 345 030           | 4 866               | 10 099        | 250 233         | 867 414               | 1 250 541                         | 2 106 238                          | 19 493                               |
| 331                    | Primary metal manufacturing .....   | -  | 2                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311                   | Iron and steel mills and ferroalloy manufacturing .....                         | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                  | Iron and steel mills and ferroalloy manufacturing .....                         | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                 | Iron and steel mills .....  | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                    | Transportation equipment manufacturing .....                                    | -  | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363                   | Motor vehicle parts manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33637                  | Motor vehicle metal stamping ..   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336370                 | Motor vehicle metal stamping .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365                   | Railroad rolling stock manufacturing .....                                      | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651                  | Railroad rolling stock manufacturing .....                                      | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510                 | Railroad rolling stock manufacturing .....                                      | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WEST PITTSTON</b>   |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                  | Manufacturing .....   | -  | 10                              | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 459                                |
| 339                    | Miscellaneous manufacturing .....   | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391                   | Medical equipment and supplies manufacturing .....                              | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911                  | Medical equipment and supplies manufacturing .....                              | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339113                 | Surgical appliance and supplies manufacturing .....                             | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                           |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>WEST WHITELAND</b>     |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | 1              | 42                              | 22                        | 1 763               | 80 012            | 1 102               | 2 269         | 43 708          | 170 123               | 181 897                           | 348 075                            | 7 853                                |
| <b>WEST YORK</b>          |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | 2              | 13                              | 7                         | 853                 | 13 120            | 565                 | 962           | 8 189           | 22 883                | 16 322                            | 37 931                             | 591                                  |
| 327                       | Nonmetallic mineral product manufacturing .....                                 | 8              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3271                      | Clay product and refractory manufacturing .....                                 | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32711                     | Pottery, ceramics, and plumbing fixture manufacturing .....                     | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327112                    | Vitreous china, fine earthenware, and other pottery product manufacturing ..... | 9              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WHITE</b>              |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | —              | 14                              | 5                         | 718                 | 21 585            | 517                 | 1 127         | 13 311          | 52 171                | 46 552                            | 98 874                             | 1 904                                |
| <b>WHITEHALL TOWNSHIP</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | —              | 25                              | 10                        | 723                 | 25 253            | 564                 | 1 024         | 16 101          | 65 074                | 102 300                           | 168 728                            | 7 517                                |
| <b>WHITEMARSH</b>         |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | —              | 24                              | 9                         | 891                 | 38 691            | 530                 | 990           | 15 874          | 81 659                | 84 027                            | 174 206                            | D                                    |
| <b>WHITPAIN</b>           |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | 3              | 17                              | 4                         | 627                 | 27 728            | 383                 | 766           | 14 739          | 66 394                | 37 450                            | 110 486                            | 1 210                                |
| <b>WILKES-BARRE</b>       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | —              | 45                              | 15                        | 1 686               | 59 890            | 1 278               | 2 412         | 40 477          | 132 526               | 140 278                           | 284 160                            | 7 940                                |
| <b>WILLIAMSPORT</b>       |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | 1              | 65                              | 30                        | 5 499               | 191 033           | 4 249               | 8 525         | 123 665         | 545 546               | 684 443                           | 1 244 681                          | 29 588                               |
| 331                       | Primary metal manufacturing .....   | 6              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                       | Fabricated metal product manufacturing .....                                    | 1              | 8                               | 4                         | 607                 | 25 037            | 512                 | 1 005         | 18 901          | 55 873                | 55 540                            | 121 770                            | D                                    |
| 3323                      | Architectural and structural metals manufacturing .....                         | —              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                       | Computer and electronic product manufacturing .....                             | —              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344                      | Semiconductor and other electronic component manufacturing .....                | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441                     | Semiconductor and other electronic component manufacturing .....                | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334418                    | Printed circuit assembly (electronic assembly) manufacturing .....              | —              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335                       | Electrical equipment, appliance, and component manufacturing .....              | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3352                      | Household appliance manufacturing .....   | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33521                     | Small electrical appliance manufacturing .....                                  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335212                    | Household vacuum cleaner manufacturing .....                                    | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                       | Transportation equipment manufacturing .....                                    | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3364                      | Aerospace product and parts manufacturing .....                                 | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33641                     | Aerospace product and parts manufacturing .....                                 | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336412                    | Aircraft engine and engine parts manufacturing .....                            | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>WILSON</b>             |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                     | Manufacturing .....   | —              | 7                               | 3                         | 712                 | 31 504            | 589                 | 1 259         | 23 203          | 82 277                | 26 184                            | 108 849                            | D                                    |
| 323                       | Printing and related support activities .....                                   | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                      | Printing and related support activities .....                                   | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311                     | Printing .....  | —              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110                    | Commercial lithographic printing .....  | —              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

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| NAICS code                     | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>WOMELSDORF</b>              |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                          | Manufacturing .....   | -              | 5                               | 3                         | 524                 | 15 866            | 413                 | 804           | 8 343           | 45 606                | 57 957                            | 96 413                             | D                                    |
| <b>WYOMISSING</b>              |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                          | Manufacturing .....   | 1              | 11                              | 7                         | 1 579               | 51 553            | 1 100               | 2 232         | 31 035          | 222 129               | 181 144                           | 406 585                            | 14 199                               |
| <b>YORK CITY</b>               |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                          | Manufacturing .....   | -              | 116                             | 45                        | 5 648               | 235 818           | 3 544               | 6 661         | 117 986         | 724 755               | 540 181                           | 1 231 969                          | 17 118                               |
| 332                            | Fabricated metal product manufacturing .....  | 1              | 33                              | 10                        | 766                 | 29 102            | 539                 | 970           | 17 048          | 49 530                | 31 285                            | 82 706                             | 1 132                                |
| 333                            | Machinery manufacturing .....   | -              | 15                              | 8                         | 1 152               | 58 521            | 794                 | 1 340         | 36 893          | 93 920                | 141 408                           | 235 703                            | 1 473                                |
| 3334                           | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33341                          | Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....                        | -              | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333415                         | Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing ..... | -              | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                            | Transportation equipment manufacturing .....  | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3369                           | Other transportation equipment manufacturing .....  | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33699                          | Other transportation equipment manufacturing .....  | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336992                         | Military armored vehicle, tank, and tank component manufacturing .....  | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339                            | Miscellaneous manufacturing .....   | -              | 8                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3391                           | Medical equipment and supplies manufacturing .....  | -              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911                          | Medical equipment and supplies manufacturing .....  | -              | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>YORK TOWNSHIP</b>           |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                          | Manufacturing .....   | 3              | 31                              | 10                        | 2 466               | 74 592            | 1 926               | 3 933         | 48 958          | 183 126               | 153 531                           | 339 845                            | 7 037                                |
| 311                            | Food manufacturing .....  | 5              | 5                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118                           | Bakeries and tortilla manufacturing .....   | 5              | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182                          | Cookie, cracker, and pasta manufacturing .....  | 5              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821                         | Cookie and cracker manufacturing .....  | 5              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>ZELIENOPE</b>               |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                          | Manufacturing .....   | 2              | 17                              | 7                         | 576                 | 24 303            | 341                 | 688           | 13 292          | 58 629                | 37 972                            | 95 103                             | 1 174                                |
| <b>BALANCE OF ADAMS COUNTY</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                          | Manufacturing .....   | 3              | 106                             | 42                        | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311                            | Food manufacturing .....  | 4              | 14                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3114                           | Fruit and vegetable preserving and specialty food manufacturing .....   | 5              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31142                          | Fruit and vegetable canning, pickling, and drying .....   | 5              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311421                         | Fruit and vegetable canning .....   | 5              | 5                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322                            | Paper manufacturing .....   | -              | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222                           | Converted paper product manufacturing .....   | -              | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32221                          | Paperboard container manufacturing .....  | -              | 5                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322211                         | Corrugated and solid fiber box manufacturing .....  | -              | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323                            | Printing and related support activities .....   | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3231                           | Printing and related support activities .....   | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32311                          | Printing .....  | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

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| NAICS code                          | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                     |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF ADAMS COUNTY—Con.</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334                                 | Computer and electronic product manufacturing .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344                                | Semiconductor and other electronic component manufacturing .....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441                               | Semiconductor and other electronic component manufacturing .....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334417                              | Electronic connector manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF ALLEGHENY COUNTY</b>  |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....  | 1  | 268                             | 117                       | 12 296              | 529 179           | 7 646               | 14 615        | 259 671         | 1 348 446             | 1 211 178                         | 2 562 377                          | 49 903                               |
| 325                                 | Chemical manufacturing .....   | 4  | 24                              | 12                        | 1 363               | 65 880            | 883                 | 1 753         | 41 272          | 261 524               | 326 243                           | 587 586                            | 12 749                               |
| 3252                                | Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....                                   | 4  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32521                               | Resin and synthetic rubber manufacturing .....   | 4  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325211                              | Plastics material and resin manufacturing .....  | 4  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                                 | Plastics and rubber products manufacturing .....   | 2  | 9                               | 8                         | 518                 | 15 709            | 402                 | 681           | 10 156          | 33 971                | 30 361                            | 63 836                             | 1 827                                |
| 327                                 | Nonmetallic mineral product manufacturing .....  | 3  | 14                              | 10                        | 739                 | 31 319            | 576                 | 1 247         | 22 348          | 83 650                | 85 276                            | 166 930                            | 2 827                                |
| 331                                 | Primary metal manufacturing .....  | -  | 12                              | 8                         | 886                 | 38 241            | 638                 | 1 411         | 24 518          | 113 549               | 156 216                           | 274 440                            | 4 251                                |
| 332                                 | Fabricated metal product manufacturing .....   | 3  | 60                              | 22                        | 1 486               | 51 477            | 1 133               | 2 199         | 32 119          | 106 190               | 85 650                            | 193 854                            | 5 085                                |
| 3327                                | Machine shops; turned product; and screw, nut, and bolt manufacturing .....  | 4  | 22                              | 7                         | 552                 | 20 877            | 424                 | 832           | 13 642          | 39 844                | 23 374                            | 62 731                             | 1 985                                |
| 333                                 | Machinery manufacturing .....  | 2  | 21                              | 13                        | 1 533               | 67 854            | 973                 | 1 964         | 37 915          | 67 343                | 58 721                            | 128 700                            | 2 853                                |
| 3339                                | Other general purpose machinery manufacturing .....  | 4  | 6                               | 6                         | 802                 | 31 373            | 474                 | 918           | 14 679          | 14 147                | 9 713                             | 24 444                             | 398                                  |
| 33391                               | Pump and compressor manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333911                              | Pump and pumping equipment manufacturing ..  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                                 | Computer and electronic product manufacturing .....  | -  | 23                              | 11                        | 2 433               | 134 387           | 925                 | 1 671         | 31 482          | 315 382               | 196 486                           | 508 484                            | 9 351                                |
| 3345                                | Navigational, measuring, electromedical, and control instruments manufacturing .....   | -  | 14                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 081                                |
| 33451                               | Navigational, measuring, electromedical, and control instruments manufacturing ...   | -  | 14                              | 9                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 8 081                                |
| 334510                              | Electromedical and electrotherapeutic apparatus manufacturing ...  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334513                              | Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables ..... | -  | 5                               | 4                         | 832                 | 55 866            | 209                 | 218           | 11 950          | 113 220               | 105 636                           | 217 987                            | 2 551                                |
| 335                                 | Electrical equipment, appliance, and component manufacturing .....   | -  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                                 | Transportation equipment manufacturing .....   | -  | 7                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 553                                |
| 339                                 | Miscellaneous manufacturing .....  | -  | 26                              | 7                         | 734                 | 20 837            | 536                 | 982           | 13 321          | 44 296                | 32 265                            | 76 518                             | 4 396                                |
| <b>BALANCE OF ARMSTRONG COUNTY</b>  |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....  | 1  | 74                              | 24                        | 1 882               | 63 517            | 1 349               | 2 763         | 40 943          | 125 876               | 98 605                            | 225 175                            | 8 045                                |
| 333                                 | Machinery manufacturing .....  | -  | 15                              | 8                         | 565                 | 23 458            | 422                 | 923           | 17 718          | 48 172                | 24 871                            | 74 307                             | D                                    |
| 3335                                | Metalworking machinery manufacturing .....   | -  | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33351                               | Metalworking machinery manufacturing .....   | -  | 11                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                       | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|----------------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                  |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF BEAVER COUNTY</b>  |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....  | -  | 94                              | 33                        | 4 600               | 164 455           | 3 482               | 6 401         | 110 027         | 577 879               | 586 907                           | 1 174 007                          | 31 305                               |
| 326                              | Plastics and rubber products manufacturing .....                                     | -  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261                             | Plastics product manufacturing ..  | -  | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                            | Other plastics product manufacturing .....   | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                           | All other plastics product manufacturing .....                                       | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                              | Primary metal manufacturing .....  | -  | 10                              | 6                         | 1 698               | 67 359            | 1 267               | 2 293         | 45 596          | 127 179               | 162 392                           | 297 606                            | 5 489                                |
| 3311                             | Iron and steel mills and ferroalloy manufacturing .....                              | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                            | Iron and steel mills and ferroalloy manufacturing .....                              | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                           | Iron and steel mills .....   | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314                             | Nonferrous metal (except aluminum) production and processing .....                   | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33141                            | Nonferrous metal (except aluminum) smelting and refining .....                       | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331419                           | Primary smelting and refining of nonferrous metal (except copper and aluminum) ..... | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335                              | Electrical equipment, appliance, and component manufacturing .....                   | -  | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3353                             | Electrical equipment manufacturing .....   | -  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33531                            | Electrical equipment manufacturing .....   | -  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335313                           | Switchgear and switchboard apparatus manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF BEDFORD COUNTY</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....  | 2  | 63                              | 20                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF BERKS COUNTY</b>   |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....  | 1  | 225                             | 86                        | 12 728              | 484 305           | 9 172               | 18 101        | 289 333         | 1 085 096             | 948 883                           | 2 005 943                          | 89 945                               |
| 323                              | Printing and related support activities .....  | -  | 24                              | 5                         | 904                 | 26 923            | 744                 | 910           | 17 903          | 63 746                | 54 635                            | 117 988                            | 9 959                                |
| 3231                             | Printing and related support activities .....  | -  | 24                              | 5                         | 904                 | 26 923            | 744                 | 910           | 17 903          | 63 746                | 54 635                            | 117 988                            | 9 959                                |
| 32311                            | Printing .....   | -  | 23                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110                           | Commercial lithographic printing .....   | -  | 11                              | 2                         | 602                 | 14 807            | 508                 | 454           | 9 580           | 31 218                | 16 547                            | 47 720                             | D                                    |
| 326                              | Plastics and rubber products manufacturing .....                                     | 4  | 9                               | 6                         | 727                 | 23 770            | 517                 | 1 044         | 15 282          | 63 422                | 37 157                            | 100 984                            | D                                    |
| 3261                             | Plastics product manufacturing ..  | 4  | 9                               | 6                         | 727                 | 23 770            | 517                 | 1 044         | 15 282          | 63 422                | 37 157                            | 100 984                            | D                                    |
| 327                              | Nonmetallic mineral product manufacturing .....                                      | 1  | 16                              | 8                         | 658                 | 25 906            | 534                 | 1 125         | 20 119          | 88 443                | 69 283                            | 161 253                            | 13 719                               |
| 3273                             | Cement and concrete product manufacturing .....                                      | 1  | 14                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                              | Primary metal manufacturing .....  | -  | 17                              | 14                        | 1 776               | 87 282            | 1 288               | 2 599         | 54 449          | 275 297               | 312 001                           | 544 072                            | 30 029                               |
| 3314                             | Nonferrous metal (except aluminum) production and processing .....                   | -  | 6                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 28 237                               |
| 33141                            | Nonferrous metal (except aluminum) smelting and refining .....                       | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331419                           | Primary smelting and refining of nonferrous metal (except copper and aluminum) ..... | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315                             | Foundries .....  | 3  | 11                              | 8                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 792                                |
| 33151                            | Ferrous metal foundries .....  | 4  | 6                               | 6                         | 512                 | 16 178            | 438                 | 880           | 12 838          | 28 895                | 17 168                            | 45 887                             | 1 172                                |
| 332                              | Fabricated metal product manufacturing .....   | 4  | 40                              | 17                        | 1 171               | 39 298            | 846                 | 1 882         | 28 069          | 52 752                | 69 583                            | 122 364                            | 2 909                                |
| 335                              | Electrical equipment, appliance, and component manufacturing .....                   | 1  | 6                               | 3                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359                             | Other electrical equipment and component manufacturing .....                         | -  | 3                               | 2                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33591                            | Battery manufacturing .....  | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335911                           | Storage battery manufacturing .....  | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                          | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                     |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF BERKS COUNTY—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 339                                 | Miscellaneous manufacturing .....   | -  | 13                              | 2                         | 618                 | 31 915            | 249                 | 562           | 9 457           | 72 364                | 5 903                             | 87 739                             | D                                    |
| 3391                                | Medical equipment and supplies manufacturing .....  | -  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33911                               | Medical equipment and supplies manufacturing .....  | -  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339112                              | Surgical and medical instrument manufacturing ..  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF BLAIR COUNTY</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -  | 60                              | 30                        | 4 677               | 168 399           | 3 582               | 7 259         | 110 715         | 484 642               | 475 093                           | 964 881                            | 25 642                               |
| 322                                 | Paper manufacturing .....   | -  | 6                               | 6                         | 1 377               | 55 952            | 1 124               | 2 222         | 38 831          | 194 238               | 146 201                           | 344 766                            | 6 519                                |
| 3222                                | Converted paper product manufacturing .....   | -  | 6                               | 6                         | 1 377               | 55 952            | 1 124               | 2 222         | 38 831          | 194 238               | 146 201                           | 344 766                            | 6 519                                |
| 32222                               | Paper bag and coated and treated paper manufacturing ..   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322222                              | Coated and laminated paper manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32223                               | Stationery product manufacturing .....  | -  | 3                               | 3                         | 559                 | 17 092            | 470                 | 902           | 13 139          | 50 617                | 52 008                            | 104 119                            | D                                    |
| 327                                 | Nonmetallic mineral product manufacturing .....   | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF BRADFORD COUNTY</b>   |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -  | 54                              | 18                        | 3 271               | 122 325           | 2 518               | 4 711         | 88 730          | 418 356               | 334 991                           | 750 370                            | 18 347                               |
| 311                                 | Food manufacturing .....  | -  | 11                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3116                                | Animal slaughtering and processing .....  | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 286                                  |
| 31161                               | Animal slaughtering and processing .....  | -  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 286                                  |
| 331                                 | Primary metal manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314                                | Nonferrous metal (except aluminum) production and processing .....                                | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33149                               | Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331492                              | Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) ..... | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF BUCKS COUNTY</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -  | 224                             | 60                        | 5 565               | 221 580           | 3 544               | 7 384         | 117 731         | 2 288 335             | 440 907                           | 2 683 685                          | 35 965                               |
| 325                                 | Chemical manufacturing .....  | -  | 9                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 6 330                                |
| 3254                                | Pharmaceutical and medicine manufacturing .....   | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                               | Pharmaceutical and medicine manufacturing .....   | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412                              | Pharmaceutical preparation manufacturing .....  | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                                 | Nonmetallic mineral product manufacturing .....   | 3  | 17                              | 7                         | 565                 | 22 210            | 383                 | 826           | 13 553          | 44 669                | 34 532                            | 79 477                             | 2 706                                |
| 332                                 | Fabricated metal product manufacturing .....  | 3  | 47                              | 11                        | 736                 | 29 407            | 566                 | 1 186         | 19 528          | 58 679                | 37 398                            | 95 710                             | 4 808                                |
| 339                                 | Miscellaneous manufacturing .....   | 1  | 23                              | 9                         | 1 057               | 53 643            | 516                 | 1 064         | 19 146          | 119 929               | 89 104                            | 207 656                            | 4 567                                |
| 3391                                | Medical equipment and supplies manufacturing .....  | 1  | 10                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 342                                |
| 33911                               | Medical equipment and supplies manufacturing .....  | 1  | 10                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 342                                |
| 339112                              | Surgical and medical instrument manufacturing ..  | 1  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                       | Geographic area and industry                                       | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|----------------------------------|--|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                  |  |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF BUTLER COUNTY</b>  |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....  | -              | 204                             | 70                        | 7 972               | 302 227           | 5 454               | 10 960        | 171 636         | 810 035               | 939 579                           | 1 756 786                          | 54 715                               |
| 324                              | Petroleum and coal products manufacturing .....                    | -              | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241                             | Petroleum and coal products manufacturing .....                    | -              | 7                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                              | Chemical manufacturing .....                                       | -              | 6                               | 5                         | 589                 | 31 044            | 425                 | 873           | 21 232          | 92 164                | 103 168                           | 203 455                            | 6 517                                |
| 326                              | Plastics and rubber products manufacturing .....                   | -              | 9                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261                             | Plastics product manufacturing ..                                  | -              | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                            | Other plastics product manufacturing .....                         | -              | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                           | All other plastics product manufacturing .....                     | -              | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                              | Nonmetallic mineral product manufacturing .....                    | 1              | 29                              | 10                        | 733                 | 24 567            | 545                 | 1 147         | 15 737          | 71 285                | 39 921                            | 110 891                            | 3 012                                |
| 332                              | Fabricated metal product manufacturing .....                       | -              | 60                              | 18                        | 1 727               | 60 046            | 1 356               | 2 670         | 35 196          | 153 192               | 96 502                            | 251 006                            | 4 605                                |
| 3321                             | Forging and stamping.....  | -              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33211                            | Forging and stamping.....  | -              | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332116                           | Metal stamping .....   | -              | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                              | Machinery manufacturing .....                                      | 1              | 20                              | 8                         | 1 158               | 46 524            | 548                 | 1 172         | 19 648          | 108 362               | 99 275                            | 201 927                            | 9 758                                |
| 3333                             | Commercial and service industry machinery manufacturing .....      | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33331                            | Commercial and service industry machinery manufacturing .....      | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333314                           | Optical instrument and lens manufacturing .....                    | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                              | Computer and electronic product manufacturing .....                | -              | 7                               | 3                         | 890                 | 38 527            | 504                 | 874           | 13 859          | 44 578                | 85 933                            | 133 617                            | D                                    |
| 339                              | Miscellaneous manufacturing .....                                  | -              | 15                              | 1                         | 587                 | 18 399            | 288                 | 594           | 8 470           | 26 928                | 80 367                            | 107 528                            | D                                    |
| <b>BALANCE OF CAMBRIA COUNTY</b> |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....  | 2              | 78                              | 20                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 10 056                               |
| <b>BALANCE OF CENTRE COUNTY</b>  |  |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....  | 2              | 103                             | 38                        | 4 311               | 159 213           | 2 864               | 5 869         | 87 771          | 389 241               | 350 368                           | 742 925                            | 34 559                               |
| 327                              | Nonmetallic mineral product manufacturing .....                    | 1              | 10                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272                             | Glass and glass product manufacturing .....                        | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721                            | Glass and glass product manufacturing .....                        | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212                           | Other pressed and blown glass and glassware manufacturing .....    | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                              | Primary metal manufacturing .....                                  | -              | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3314                             | Nonferrous metal (except aluminum) production and processing ..... | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33142                            | Copper rolling, drawing, extruding, and alloying .....             | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331421                           | Copper rolling, drawing, and extruding.....                        | -              | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334                              | Computer and electronic product manufacturing .....                | -              | 17                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 701                                |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                          | Geographic area and industry   | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                     |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF CHESTER COUNTY</b>    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....  | 2  | 283                             | 86                        | 7 740               | 285 064           | 5 449               | 10 627        | 164 127         | 798 682               | 699 452                           | 1 499 130                          | 40 116                               |
| 311                                 | Food manufacturing .....   | -  | 18                              | 6                         | 634                 | 17 555            | 482                 | 905           | 12 343          | 174 260               | 122 507                           | 297 179                            | 4 282                                |
| 323                                 | Printing and related support activities .....  | -  | 24                              | 6                         | 682                 | 32 970            | 490                 | 966           | 22 968          | 78 959                | 76 055                            | 154 957                            | 3 044                                |
| 3231                                | Printing and related support activities .....  | -  | 24                              | 6                         | 682                 | 32 970            | 490                 | 966           | 22 968          | 78 959                | 76 055                            | 154 957                            | 3 044                                |
| 32311                               | Printing .....   | -  | 22                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                                 | Chemical manufacturing .....   | 1  | 18                              | 11                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 7 477                                |
| 332                                 | Fabricated metal product manufacturing .....   | 1  | 55                              | 15                        | 1 237               | 47 949            | 920                 | 1 824         | 31 767          | 119 877               | 87 509                            | 208 126                            | 8 129                                |
| 334                                 | Computer and electronic product manufacturing .....                                  | 1  | 17                              | 7                         | 812                 | 39 681            | 298                 | 477           | 7 401           | 67 810                | 72 241                            | 137 190                            | D                                    |
| 3345                                | Navigational, measuring, electromedical, and control instruments manufacturing ..... | -  | 7                               | 3                         | 570                 | 27 242            | 224                 | 340           | 5 159           | 42 627                | 40 099                            | 79 720                             | D                                    |
| 33451                               | Navigational, measuring, electromedical, and control instruments manufacturing ..... | -  | 7                               | 3                         | 570                 | 27 242            | 224                 | 340           | 5 159           | 42 627                | 40 099                            | 79 720                             | D                                    |
| 337                                 | Furniture and related product manufacturing .....                                    | 8  | 29                              | 6                         | 1 550               | 40 515            | 1 273               | 2 506         | 29 597          | 70 851                | 74 548                            | 152 152                            | 4 086                                |
| 3371                                | Household and institutional furniture and kitchen cabinet manufacturing .....        | 8  | 25                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33712                               | Household and institutional furniture manufacturing .....                            | 9  | 15                              | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 806                                |
| 337124                              | Metal household furniture manufacturing .....  | 9  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF CLARION COUNTY</b>    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....  | 1  | 46                              | 20                        | 2 067               | 61 559            | 1 671               | 3 277         | 43 177          | 144 817               | 207 082                           | 351 418                            | D                                    |
| 321                                 | Wood product manufacturing .....   | -  | 19                              | 11                        | 1 425               | 44 245            | 1 175               | 2 299         | 31 942          | 103 098               | 139 401                           | 241 792                            | 3 448                                |
| 3219                                | Other wood product manufacturing .....   | -  | 12                              | 10                        | 1 310               | 41 141            | 1 074               | 2 085         | 29 343          | 96 074                | 121 001                           | 215 913                            | D                                    |
| 32199                               | All other wood product manufacturing .....   | -  | 7                               | 7                         | 1 170               | 38 380            | 949                 | 1 825         | 27 159          | 90 501                | 111 995                           | 201 488                            | D                                    |
| 321991                              | Manufactured home (mobile home) manufacturing .....                                  | -  | 4                               | 4                         | 759                 | 26 970            | 606                 | 1 111         | 19 017          | 65 801                | 80 158                            | 145 136                            | 435                                  |
| <b>BALANCE OF CLEARFIELD COUNTY</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....  | 3  | 51                              | 16                        | 955                 | 25 828            | 815                 | 1 534         | 20 654          | 66 740                | 71 191                            | 134 999                            | 2 929                                |
| <b>BALANCE OF CLINTON COUNTY</b>    |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....  | -  | 30                              | 12                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 25 473                               |
| 322                                 | Paper manufacturing .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222                                | Converted paper product manufacturing .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32229                               | Other converted paper product manufacturing .....                                    | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322291                              | Sanitary paper product manufacturing .....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF COLUMBIA COUNTY</b>   |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....  | 1  | 42                              | 15                        | 2 578               | 78 885            | 2 182               | 3 923         | 59 004          | 265 445               | 337 592                           | 606 367                            | D                                    |
| 311                                 | Food manufacturing .....   | -  | 5                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                          | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                     |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF CRAWFORD COUNTY</b>   |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | 1  | 219                             | 63                        | 4 752               | 177 957           | 3 505               | 6 925         | 112 562         | 486 258               | 345 980                           | 832 706                            | 47 513                               |
| 326                                 | Plastics and rubber products manufacturing .....                            | 1  | 11                              | 6                         | 733                 | 23 727            | 609                 | 1 215         | 16 936          | 71 058                | 81 587                            | 152 494                            | D                                    |
| 3261                                | Plastics product manufacturing ..   | 2  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                                 | Fabricated metal product manufacturing .....                                | —  | 52                              | 14                        | 1 300               | 46 108            | 927                 | 1 798         | 28 306          | 116 655               | 84 479                            | 201 212                            | 6 049                                |
| 3327                                | Machine shops; turned product; and screw, nut, and bolt manufacturing ..... | 1  | 30                              | 5                         | 552                 | 19 292            | 435                 | 857           | 14 091          | 48 777                | 18 789                            | 67 514                             | D                                    |
| 333                                 | Machinery manufacturing .....   | 2  | 86                              | 26                        | 1 364               | 58 976            | 934                 | 1 866         | 35 030          | 109 179               | 34 472                            | 147 932                            | 7 704                                |
| 3335                                | Metalworking machinery manufacturing .....                                  | 2  | 78                              | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33351                               | Metalworking machinery manufacturing .....                                  | 2  | 78                              | 25                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333514                              | Special die and tool, die set, jig, and fixture manufacturing .....         | 3  | 41                              | 13                        | 553                 | 21 528            | 428                 | 826           | 14 997          | 39 549                | 13 959                            | 56 740                             | 1 571                                |
| <b>BALANCE OF CUMBERLAND COUNTY</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | 3  | 42                              | 16                        | 1 839               | 58 125            | 1 296               | 2 580         | 33 519          | 123 244               | 102 942                           | 221 765                            | 8 583                                |
| 313                                 | Textile mills .....   | 9  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3132                                | Fabric mills .....  | 9  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF DAUPHIN COUNTY</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | —  | 64                              | 18                        | 2 197               | 77 577            | 1 773               | 3 648         | 57 353          | 183 455               | 157 380                           | 350 927                            | 6 428                                |
| 326                                 | Plastics and rubber products manufacturing .....                            | —  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261                                | Plastics product manufacturing ..   | —  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                               | Other plastics product manufacturing .....                                  | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                              | All other plastics product manufacturing .....                              | —  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF DELAWARE COUNTY</b>   |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | —  | 78                              | 28                        | 4 383               | 247 421           | 2 558               | 5 532         | 125 039         | 1 288 773             | 4 751 329                         | 5 974 893                          | 43 957                               |
| 324                                 | Petroleum and coal products manufacturing .....                             | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3241                                | Petroleum and coal products manufacturing .....                             | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32411                               | Petroleum refineries .....  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 324110                              | Petroleum refineries .....  | —  | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                                 | Chemical manufacturing .....  | —  | 11                              | 6                         | 880                 | 59 583            | 390                 | 817           | 19 922          | 450 622               | 265 824                           | 703 929                            | 10 825                               |
| 3254                                | Pharmaceutical and medicine manufacturing .....                             | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                               | Pharmaceutical and medicine manufacturing .....                             | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325412                              | Pharmaceutical preparation manufacturing .....                              | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                                 | Fabricated metal product manufacturing .....                                | —  | 18                              | 7                         | 608                 | 30 514            | 380                 | 799           | 18 998          | 59 616                | 53 529                            | 111 353                            | 2 166                                |
| <b>BALANCE OF ELK COUNTY</b>        |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | 1  | 37                              | 10                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF ERIE COUNTY</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | —  | 114                             | 24                        | 7 038               | 344 185           | 4 869               | 8 669         | 202 005         | 1 004 558             | 1 106 530                         | 2 125 425                          | 47 889                               |
| 336                                 | Transportation equipment manufacturing .....                                | —  | 6                               | 3                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3365                                | Railroad rolling stock manufacturing .....                                  | —  | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33651                               | Railroad rolling stock manufacturing .....                                  | —  | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336510                              | Railroad rolling stock manufacturing .....                                  | —  | 2                               | 1                         | i                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF FAYETTE COUNTY</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | —  | 62                              | 17                        | 1 478               | 50 070            | 1 211               | 2 356         | 37 227          | 144 618               | 167 064                           | 313 510                            | 14 921                               |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                          | Geographic area and industry  | E <sup>1</sup> | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------------------|---|----------------|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                     |   |                | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF FRANKLIN COUNTY</b>   |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | 1              | 57                              | 12                        | 1 356               | 47 790            | 923                 | 1 676         | 29 607          | 85 371                | 150 987                           | 234 993                            | 5 933                                |
| 333                                 | Machinery manufacturing .....   | -              | 7                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3331                                | Agriculture, construction, and mining machinery manufacturing .....           | -              | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33312                               | Construction machinery manufacturing .....                                    | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333120                              | Construction machinery manufacturing .....                                    | -              | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF FULTON COUNTY</b>     |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -              | 19                              | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                                 | Machinery manufacturing .....   | -              | 4                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3339                                | Other general purpose machinery manufacturing .....                           | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33392                               | Material handling equipment manufacturing .....                               | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333923                              | Overhead traveling crane, hoist, and monorail system manufacturing .....      | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF GREENE COUNTY</b>     |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -              | 20                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF HUNTINGDON COUNTY</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -              | 26                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF INDIANA COUNTY</b>    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | 1              | 56                              | 12                        | 1 646               | 66 498            | 1 157               | 2 427         | 44 537          | 166 481               | 103 866                           | 270 398                            | 5 540                                |
| <b>BALANCE OF JEFFERSON COUNTY</b>  |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -              | 53                              | 19                        | 1 989               | 66 092            | 1 561               | 3 138         | 46 982          | 151 052               | 136 848                           | 288 836                            | 42 122                               |
| 332                                 | Fabricated metal product manufacturing .....                                  | -              | 14                              | 6                         | 719                 | 26 010            | 491                 | 1 051         | 16 792          | 41 801                | 61 568                            | 103 039                            | 4 179                                |
| <b>BALANCE OF JUNIATA COUNTY</b>    |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -              | 51                              | 14                        | 2 153               | 61 070            | 1 836               | 3 389         | 47 741          | 157 014               | 158 613                           | 315 438                            | 3 510                                |
| 311                                 | Food manufacturing .....  | -              | 3                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 069                                |
| 3116                                | Animal slaughtering and processing .....                                      | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161                               | Animal slaughtering and processing .....                                      | -              | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615                              | Poultry processing .....  | -              | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                                 | Furniture and related product manufacturing .....                             | -              | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371                                | Household and institutional furniture and kitchen cabinet manufacturing ..... | -              | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711                               | Wood kitchen cabinet and countertop manufacturing .....                       | -              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110                              | Wood kitchen cabinet and countertop manufacturing .....                       | -              | 5                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF LACKAWANNA COUNTY</b> |   |                |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | 1              | 50                              | 21                        | 1 537               | 52 379            | 970                 | 1 806         | 26 036          | 125 768               | 104 630                           | 233 166                            | 7 202                                |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

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| NAICS code                         | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|------------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                    |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF LANCASTER COUNTY</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | 2  | 447                             | 130                       | 15 092              | 505 910           | 11 804              | 23 383        | 350 300         | 1 267 614             | 1 203 726                         | 2 472 410                          | 66 147                               |
| 311                                | Food manufacturing .....  | 2  | 45                              | 16                        | 2 251               | 76 773            | 1 658               | 3 245         | 51 984          | 295 155               | 247 949                           | 541 088                            | 14 217                               |
| 3118                               | Bakeries and tortilla manufacturing .....                                     | -  | 10                              | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31182                              | Cookie, cracker, and pasta manufacturing .....                                | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311821                             | Cookie and cracker manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315                                | Apparel manufacturing .....   | 2  | 17                              | 4                         | 891                 | 21 344            | 717                 | 1 331         | 14 471          | 68 624                | 43 300                            | 108 019                            | D                                    |
| 3159                               | Apparel accessories and other apparel manufacturing .....                     | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31599                              | Apparel accessories and other apparel manufacturing .....                     | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315991                             | Hat, cap, and millinery manufacturing .....                                   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321                                | Wood product manufacturing .....  | 1  | 56                              | 14                        | 2 312               | 74 410            | 1 856               | 3 852         | 53 207          | 157 642               | 147 658                           | 305 220                            | 4 676                                |
| 3219                               | Other wood product manufacturing .....  | -  | 49                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32191                              | Millwork .....  | -  | 15                              | 2                         | 1 074               | 34 684            | 865                 | 1 938         | 24 831          | 62 938                | 39 121                            | 102 089                            | 2 625                                |
| 321911                             | Wood window and door manufacturing .....                                      | -  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199                              | All other wood product manufacturing .....                                    | 1  | 30                              | 8                         | 932                 | 30 640            | 744                 | 1 398         | 22 127          | 77 737                | 89 317                            | 167 002                            | D                                    |
| 321991                             | Manufactured home (mobile home) manufacturing .....                           | -  | 6                               | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                                | Plastics and rubber products manufacturing .....                              | 7  | '15                             | '9                        | '1 930              | '59 423           | '1 786              | '3 447        | '50 629         | '148 701              | '199 531                          | '346 666                           | 3 965                                |
| 3261                               | Plastics product manufacturing ..   | 7  | '12                             | '8                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32614                              | Polystyrene foam product manufacturing .....                                  | 9  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326140                             | Polystyrene foam product manufacturing .....                                  | 9  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                                | Nonmetallic mineral product manufacturing .....                               | 1  | 18                              | 7                         | 564                 | 18 297            | 450                 | 670           | 13 444          | 34 214                | 28 123                            | 62 022                             | 1 921                                |
| 332                                | Fabricated metal product manufacturing .....                                  | -  | 84                              | 18                        | 1 648               | 63 915            | 1 145               | 2 309         | 40 191          | 144 279               | 104 868                           | 250 201                            | 12 409                               |
| 3323                               | Architectural and structural metals manufacturing .....                       | -  | 33                              | 9                         | 861                 | 34 647            | 631                 | 1 302         | 24 005          | 85 693                | 69 590                            | 156 785                            | 3 672                                |
| 33231                              | Plate work and fabricated structural product manufacturing .....              | -  | 18                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 855                                |
| 333                                | Machinery manufacturing .....   | -  | '38                             | '13                       | '774                | '31 371           | '539                | '1 165        | '19 203         | '64 599               | '48 358                           | '112 941                           | 4 745                                |
| 335                                | Electrical equipment, appliance, and component manufacturing .....            | -  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359                               | Other electrical equipment and component manufacturing .....                  | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33592                              | Communication and energy wire and cable manufacturing ..                      | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335929                             | Other communication and energy wire manufacturing ..                          | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                                | Transportation equipment manufacturing .....                                  | 1  | 13                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 1 840                                |
| 3362                               | Motor vehicle body and trailer manufacturing .....                            | 1  | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621                              | Motor vehicle body and trailer manufacturing .....                            | 1  | 11                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                                | Furniture and related product manufacturing .....                             | 2  | 70                              | 16                        | 1 289               | 42 012            | 1 054               | 2 064         | 29 667          | 75 221                | 58 451                            | 133 982                            | 2 992                                |
| 3371                               | Household and institutional furniture and kitchen cabinet manufacturing ..... | 3  | 64                              | 13                        | 1 036               | 32 805            | 841                 | 1 658         | 23 055          | 58 684                | 36 888                            | 95 420                             | D                                    |
| 33711                              | Wood kitchen cabinet and countertop manufacturing ....                        | 2  | 33                              | 11                        | 815                 | 27 646            | 648                 | 1 276         | 18 939          | 48 713                | 29 394                            | 78 041                             | 2 217                                |
| 337110                             | Wood kitchen cabinet and countertop manufacturing ..                          | 2  | 33                              | 11                        | 815                 | 27 646            | 648                 | 1 276         | 18 939          | 48 713                | 29 394                            | 78 041                             | 2 217                                |
| <b>BALANCE OF LAWRENCE COUNTY</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                              | Manufacturing .....   | -  | 78                              | 26                        | 2 087               | 75 795            | 1 542               | 3 401         | 49 383          | 211 261               | 269 008                           | 475 161                            | 20 624                               |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                       | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|----------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                  |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF LEBANON COUNTY</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....   | 1  | 124                             | 47                        | 6 078               | 207 128           | 4 799               | 9 669         | 145 432         | 542 454               | 547 749                           | 1 096 930                          | 60 441                               |
| 311                              | Food manufacturing .....  | —  | 10                              | 4                         | 1 256               | 31 381            | 1 140               | 2 260         | 25 746          | 63 826                | 119 145                           | 176 528                            | D                                    |
| 3116                             | Animal slaughtering and processing .....                                      | —  | 6                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31161                            | Animal slaughtering and processing .....                                      | —  | 6                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 311615                           | Poultry processing .....  | —  | 3                               | 3                         | 1 175               | 28 867            | 1 090               | 2 149         | 24 365          | 52 077                | 99 010                            | 148 872                            | D                                    |
| 321                              | Wood product manufacturing .....  | —  | 7                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3211                             | Sawmills and wood preservation .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32111                            | Sawmills and wood preservation .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321113                           | Sawmills .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                              | Fabricated metal product manufacturing .....                                  | 2  | 26                              | 7                         | 643                 | 23 243            | 412                 | 774           | 13 582          | 78 436                | 21 568                            | 100 685                            | 1 695                                |
| 3323                             | Architectural and structural metals manufacturing .....                       | 2  | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335                              | Electrical equipment, appliance, and component manufacturing .....            | —  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359                             | Other electrical equipment and component manufacturing .....                  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33593                            | Wiring device manufacturing .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335931                           | Current-carrying wiring device manufacturing .....                            | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336                              | Transportation equipment manufacturing .....                                  | —  | 6                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                              | Furniture and related product manufacturing .....                             | 5  | 21                              | 8                         | 719                 | 22 975            | 532                 | 986           | 13 001          | 56 749                | 40 659                            | 100 110                            | D                                    |
| 3371                             | Household and institutional furniture and kitchen cabinet manufacturing ..... | 6  | 20                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711                            | Wood kitchen cabinet and countertop manufacturing .....                       | 3  | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110                           | Wood kitchen cabinet and countertop manufacturing .....                       | 3  | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF LEHIGH COUNTY</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....   | 1  | 47                              | 22                        | 1 974               | 69 193            | 1 268               | 2 386         | 33 652          | 212 905               | 167 882                           | 384 469                            | 10 050                               |
| 314                              | Textile product mills .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3141                             | Textile furnishings mills .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31412                            | Curtain and linen mills .....   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 314129                           | Other household textile product mills .....                                   | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF LUZERNE COUNTY</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                            | Manufacturing .....   | —  | 116                             | 55                        | 9 097               | 340 255           | 6 847               | 14 073        | 232 909         | 1 076 713             | 1 128 463                         | 2 220 604                          | 66 415                               |
| 322                              | Paper manufacturing .....   | —  | 5                               | 4                         | 501                 | 17 085            | 451                 | 968           | 13 318          | 70 341                | 126 997                           | 201 523                            | D                                    |
| 323                              | Printing and related support activities .....                                 | —  | 11                              | 4                         | 1 264               | 47 307            | 987                 | 2 164         | 35 040          | 118 808               | 74 420                            | 189 609                            | 5 566                                |
| 3231                             | Printing and related support activities .....                                 | —  | 11                              | 4                         | 1 264               | 47 307            | 987                 | 2 164         | 35 040          | 118 808               | 74 420                            | 189 609                            | 5 566                                |
| 32311                            | Printing .....  | —  | 11                              | 4                         | 1 264               | 47 307            | 987                 | 2 164         | 35 040          | 118 808               | 74 420                            | 189 609                            | 5 566                                |
| 323117                           | Books printing .....  | —  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                              | Plastics and rubber products manufacturing .....                              | 1  | 13                              | 11                        | 1 425               | 47 769            | 1 197               | 2 488         | 36 022          | 180 602               | 208 244                           | 386 833                            | 7 602                                |
| 3261                             | Plastics product manufacturing .....  | 1  | 13                              | 11                        | 1 425               | 47 769            | 1 197               | 2 488         | 36 022          | 180 602               | 208 244                           | 386 833                            | 7 602                                |
| 327                              | Nonmetallic mineral product manufacturing .....                               | —  | 10                              | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 12 219                               |
| 3272                             | Glass and glass product manufacturing .....                                   | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721                            | Glass and glass product manufacturing .....                                   | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327212                           | Other pressed and blown glass and glassware manufacturing .....               | —  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                              | Fabricated metal product manufacturing .....                                  | —  | 26                              | 11                        | 960                 | 30 476            | 785                 | 1 468         | 21 405          | 74 148                | 58 992                            | 132 762                            | 2 929                                |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                            | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                       |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF LUZERNE COUNTY—Con.</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 334                                   | Computer and electronic product manufacturing .....                   | -  | 5                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3344                                  | Semiconductor and other electronic component manufacturing .....      | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441                                 | Semiconductor and other electronic component manufacturing .....      | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 334413                                | Semiconductor and related device manufacturing .....                  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF LYCOMING COUNTY</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                 | Manufacturing .....   | -  | 74                              | 26                        | 3 387               | 115 145           | 2 554               | 5 182         | 77 863          | 401 016               | 318 418                           | 722 668                            | 17 965                               |
| 311                                   | Food manufacturing .....  | -  | 10                              | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3118                                  | Bakeries and tortilla manufacturing .....                             | -  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321                                   | Wood product manufacturing .....                                      | -  | 17                              | 6                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 026                                |
| 3219                                  | Other wood product manufacturing .....                                | -  | 10                              | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32199                                 | All other wood product manufacturing .....                            | -  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321992                                | Prefabricated wood building manufacturing .....                       | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                                   | Furniture and related product manufacturing .....                     | -  | 6                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3379                                  | Other furniture related product manufacturing .....                   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33792                                 | Blind and shade manufacturing .....                                   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337920                                | Blind and shade manufacturing .....                                   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF MCKEAN COUNTY</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                 | Manufacturing .....   | -  | 36                              | 16                        | 2 366               | 85 015            | 1 857               | 3 921         | 61 207          | 242 100               | 500 332                           | 738 106                            | 17 174                               |
| 321                                   | Wood product manufacturing .....                                      | -  | 8                               | 4                         | 689                 | 21 347            | 564                 | 1 213         | 15 628          | 47 639                | 81 340                            | 126 841                            | 3 006                                |
| 327                                   | Nonmetallic mineral product manufacturing .....                       | -  | 4                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3272                                  | Glass and glass product manufacturing .....                           | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32721                                 | Glass and glass product manufacturing .....                           | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF MERCER COUNTY</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                 | Manufacturing .....   | '4 | '111                            | '44                       | '5 177              | '210 896          | '3 566              | '7 568        | '118 074        | '512 697              | '711 351                          | '1 215 625                         | '28 037                              |
| 331                                   | Primary metal manufacturing .....                                     | '8 | '8                              | '7                        | '1 048              | '49 852           | '801                | '1 642        | '37 337         | '206 367              | '332 974                          | '533 107                           | '6 131                               |
| 3312                                  | Steel product manufacturing from purchased steel .....                | '9 | '1                              | '1                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33121                                 | Iron and steel pipe and tube manufacturing from purchased steel ..... | '9 | '1                              | '1                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331210                                | Iron and steel pipe and tube manufacturing from purchased steel ..... | '9 | '1                              | '1                        | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                                   | Fabricated metal product manufacturing .....                          | -  | 25                              | 10                        | 1 569               | 68 476            | 1 023               | 2 363         | 31 288          | 106 283               | 123 618                           | 229 994                            | 7 664                                |
| 3329                                  | Other fabricated metal product manufacturing .....                    | -  | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33299                                 | All other fabricated metal product manufacturing .....                | -  | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332999                                | All other miscellaneous fabricated metal product manufacturing .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                          | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|-------------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                     |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF MIFFLIN COUNTY</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -  | 68                              | 19                        | 3 756               | 146 310           | 2 967               | 6 230         | 108 239         | 366 454               | 433 464                           | 799 071                            | 14 604                               |
| 326                                 | Plastics and rubber products manufacturing .....                            | -  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261                                | Plastics product manufacturing ..   | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                                 | Primary metal manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3311                                | Iron and steel mills and ferroalloy manufacturing .....                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                               | Iron and steel mills and ferroalloy manufacturing .....                     | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                              | Iron and steel mills .....  | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 333                                 | Machinery manufacturing .....   | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF MONROE COUNTY</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | -  | 40                              | 10                        | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                                 | Chemical manufacturing .....  | -  | 2                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3254                                | Pharmaceutical and medicine manufacturing .....                             | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32541                               | Pharmaceutical and medicine manufacturing .....                             | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325414                              | Biological product (except diagnostic) manufacturing ..                     | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                                 | Fabricated metal product manufacturing .....                                | -  | 10                              | 3                         | 718                 | 27 868            | 432                 | 594           | 10 086          | 54 799                | 17 124                            | 71 548                             | D                                    |
| 3321                                | Forging and stamping.....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33211                               | Forging and stamping.....   | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332116                              | Metal stamping .....  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF MONTGOMERY COUNTY</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                               | Manufacturing .....   | 3  | 122                             | 31                        | 5 523               | 252 159           | 3 623               | 6 975         | 137 520         | 827 555               | 708 313                           | 1 540 421                          | 34 136                               |
| 323                                 | Printing and related support activities .....                               | 1  | 11                              | 5                         | 929                 | 33 205            | 806                 | 1 425         | 26 421          | 76 070                | 36 900                            | 112 704                            | 3 460                                |
| 3231                                | Printing and related support activities .....                               | 1  | 11                              | 5                         | 929                 | 33 205            | 806                 | 1 425         | 26 421          | 76 070                | 36 900                            | 112 704                            | 3 460                                |
| 32311                               | Printing .....  | 1  | 10                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 323110                              | Commercial lithographic printing .....                                      | 1  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                                 | Fabricated metal product manufacturing .....                                | 1  | 34                              | 6                         | 611                 | 24 620            | 420                 | 840           | 14 043          | 49 870                | 32 547                            | 82 957                             | 3 194                                |
| 336                                 | Transportation equipment manufacturing .....                                | -  | 2                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3363                                | Motor vehicle parts manufacturing .....                                     | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33632                               | Motor vehicle electrical and electronic equipment manufacturing .....       | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336322                              | Other motor vehicle electrical and electronic equipment manufacturing ..... | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                                 | Furniture and related product manufacturing .....                           | 9  | 14                              | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3372                                | Office furniture (including fixtures) manufacturing .....                   | 9  | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33721                               | Office furniture (including fixtures) manufacturing .....                   | 9  | 4                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337214                              | Office furniture (except wood) manufacturing .....                          | 9  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.



**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                              | Geographic area and industry                          | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|   |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF NORTHAMPTON COUNTY</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                   | Manufacturing .....                                   | 1  | 165                             | 67                        | 7 505               | 272 852           | 5 340               | 9 981         | 159 487         | 1 165 653             | 793 729                           | 1 955 482                          | 64 097                               |
| 315                                     | Apparel manufacturing .....                           | 9  | 11                              | 7                         | 1 606               | 29 933            | 1 304               | 2 330         | 22 526          | 119 791               | 53 405                            | 176 662                            | 745                                  |
| 3152                                    | Cut and sew apparel manufacturing .....               | 9  | 9                               | 6                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 31521                                   | Cut and sew apparel contractors .....                 | 9  | 8                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 315211                                  | Men's and boys' cut and sew apparel contractors ..... | 9  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 325                                     | Chemical manufacturing .....                          | -  | 7                               | 6                         | 685                 | 33 882            | 518                 | 998           | 24 006          | 220 190               | 190 115                           | 409 195                            | 22 944                               |
| 3251                                    | Basic chemical manufacturing ...                      | -  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                                     | Plastics and rubber products manufacturing .....      | -  | 8                               | 5                         | 679                 | 21 840            | 564                 | 1 094         | 16 206          | 85 598                | 68 019                            | 154 397                            | D                                    |
| 3261                                    | Plastics product manufacturing ..                     | -  | 8                               | 5                         | 679                 | 21 840            | 564                 | 1 094         | 16 206          | 85 598                | 68 019                            | 154 397                            | D                                    |
| 332                                     | Fabricated metal product manufacturing .....          | 1  | 38                              | 13                        | 922                 | 36 319            | 663                 | 1 231         | 23 052          | 116 963               | 70 486                            | 173 995                            | 3 731                                |
| 339                                     | Miscellaneous manufacturing .....                     | -  | 8                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3399                                    | Other miscellaneous manufacturing .....               | -  | 7                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33994                                   | Office supplies (except paper) manufacturing .....    | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 339942                                  | Lead pencil and art good manufacturing .....          | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF NORTHUMBERLAND COUNTY</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                   | Manufacturing .....                                   | -  | 45                              | 19                        | 2 243               | 65 843            | 1 805               | 3 578         | 45 211          | 158 366               | 268 162                           | 420 844                            | D                                    |
| 336                                     | Transportation equipment manufacturing .....          | -  | 3                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3362                                    | Motor vehicle body and trailer manufacturing .....    | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33621                                   | Motor vehicle body and trailer manufacturing .....    | -  | 2                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 336213                                  | Motor home manufacturing ..                           | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF PERRY COUNTY</b>          |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                   | Manufacturing .....                                   | 2  | 42                              | 7                         | 900                 | 26 925            | 740                 | 1 437         | 18 710          | 64 851                | 64 652                            | 128 635                            | 2 376                                |
| <b>BALANCE OF POTTER COUNTY</b>         |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                   | Manufacturing .....                                   | 1  | 20                              | 7                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 555                                |
| <b>BALANCE OF SCHUYLKILL COUNTY</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                   | Manufacturing .....                                   | 1  | 100                             | 44                        | 6 835               | 231 618           | 5 423               | 10 803        | 163 337         | 812 042               | 707 034                           | 1 516 377                          | 41 806                               |
| 311                                     | Food manufacturing .....                              | -  | 12                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 2 040                                |
| 313                                     | Textile mills .....                                   | 8  | 3                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 321                                     | Wood product manufacturing .....                      | -  | 12                              | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3219                                    | Other wood product manufacturing .....                | -  | 9                               | 5                         | 933                 | 26 923            | 774                 | 1 425         | 18 667          | 69 904                | 121 120                           | 191 522                            | 1 993                                |
| 32191                                   | Millwork .....  | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                                     | Plastics and rubber products manufacturing .....      | -  | 8                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3261                                    | Plastics product manufacturing ..                     | -  | 7                               | 5                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32619                                   | Other plastics product manufacturing .....            | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                                  | All other plastics product manufacturing .....        | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                                     | Primary metal manufacturing .....                     | -  | 3                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3313                                    | Alumina and aluminum production and processing .....  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33131                                   | Alumina and aluminum production and processing ...    | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331316                                  | Aluminum extruded product manufacturing .....         | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

**Table 4. Industry Statistics for Places: 2002—Con.**

[Includes data for industry groups and industries with 500 employees or more. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS code                           | Geographic area and industry  | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------------|---|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                      |   |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF SNYDER COUNTY</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                | Manufacturing .....   | -  | 61                              | 28                        | 4 773               | 142 751           | 3 880               | 7 447         | 99 616          | 286 788               | 271 084                           | 554 880                            | 8 860                                |
| 321                                  | Wood product manufacturing .....  | -  | 21                              | 11                        | 1 717               | 49 448            | 1 442               | 2 884         | 34 442          | 91 908                | 114 397                           | 205 008                            | 4 167                                |
| 3219                                 | Other wood product manufacturing .....  | -  | 16                              | 10                        | 1 605               | 46 049            | 1 345               | 2 726         | 32 139          | 85 180                | 106 928                           | 190 799                            | 3 795                                |
| 32191                                | Millwork .....  | -  | 6                               | 4                         | 601                 | 16 243            | 522                 | 1 078         | 12 712          | 25 924                | 39 771                            | 64 925                             | 1 988                                |
| 32199                                | All other wood product manufacturing .....                                    | -  | 4                               | 4                         | 916                 | 27 810            | 742                 | 1 487         | 17 780          | 53 907                | 60 882                            | 114 307                            | 1 512                                |
| 321992                               | Prefabricated wood building manufacturing .....                               | -  | 4                               | 4                         | 916                 | 27 810            | 742                 | 1 487         | 17 780          | 53 907                | 60 882                            | 114 307                            | 1 512                                |
| 337                                  | Furniture and related product manufacturing .....                             | -  | 9                               | 3                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371                                 | Household and institutional furniture and kitchen cabinet manufacturing ..... | -  | 8                               | 2                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33711                                | Wood kitchen cabinet and countertop manufacturing .....                       | -  | 4                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337110                               | Wood kitchen cabinet and countertop manufacturing .....                       | -  | 4                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF SOMERSET COUNTY</b>    |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                | Manufacturing .....   | 1  | 76                              | 20                        | 1 822               | 55 663            | 1 226               | 2 377         | 29 921          | 133 067               | 146 502                           | 274 658                            | 9 664                                |
| <b>BALANCE OF SUSQUEHANNA COUNTY</b> |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                | Manufacturing .....   | 3  | 59                              | 12                        | 827                 | 24 546            | 641                 | 1 413         | 16 462          | 76 272                | 56 626                            | 131 727                            | 12 010                               |
| <b>BALANCE OF TIOGA COUNTY</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                | Manufacturing .....   | -  | 27                              | 10                        | 2 257               | 61 158            | 1 882               | 3 258         | 41 352          | 147 021               | 179 332                           | 328 572                            | 15 890                               |
| 332                                  | Fabricated metal product manufacturing .....                                  | -  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3329                                 | Other fabricated metal product manufacturing .....                            | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33291                                | Metal valve manufacturing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332919                               | Other metal valve and pipe fitting manufacturing .....                        | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF UNION COUNTY</b>       |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                | Manufacturing .....   | -  | 20                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 337                                  | Furniture and related product manufacturing .....                             | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3371                                 | Household and institutional furniture and kitchen cabinet manufacturing ..... | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF VENANGO COUNTY</b>     |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                | Manufacturing .....   | 2  | 39                              | 13                        | 1 199               | 39 975            | 928                 | 1 557         | 23 989          | 101 597               | 78 006                            | 179 992                            | 5 957                                |
| <b>BALANCE OF WARREN COUNTY</b>      |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                | Manufacturing .....   | -  | 48                              | 11                        | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 3 242                                |
| 332                                  | Fabricated metal product manufacturing .....                                  | -  | 10                              | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF WASHINGTON COUNTY</b>  |   |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                | Manufacturing .....   | 1  | 153                             | 67                        | 6 629               | 256 460           | 4 523               | 9 157         | 152 508         | 754 441               | 1 009 381                         | 1 800 975                          | 31 064                               |
| 325                                  | Chemical manufacturing .....  | 4  | 12                              | 8                         | 719                 | 31 612            | 437                 | 788           | 15 280          | 117 165               | 149 277                           | 274 188                            | D                                    |
| 331                                  | Primary metal manufacturing .....   | -  | 13                              | 11                        | 1 427               | 77 243            | 1 062               | 2 316         | 56 786          | 226 355               | 491 387                           | 721 299                            | 9 002                                |
| 3311                                 | Iron and steel mills and ferroalloy manufacturing .....                       | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33111                                | Iron and steel mills and ferroalloy manufacturing .....                       | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331111                               | Iron and steel mills .....  | -  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                                  | Fabricated metal product manufacturing .....                                  | -  | 47                              | 19                        | 1 825               | 61 204            | 1 397               | 2 749         | 38 013          | 184 455               | 123 924                           | 304 778                            | 7 815                                |
| 335                                  | Electrical equipment, appliance, and component manufacturing .....            | -  | 3                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3359                                 | Other electrical equipment and component manufacturing .....                  | -  | 2                               | 2                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33592                                | Communication and energy wire and cable manufacturing .....                   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 335929                               | Other communication and energy wire manufacturing .....                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

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| NAICS code                            | Geographic area and industry                                       | E1 | All establishments <sup>2</sup> |                           | All employees       |                   | Production workers  |               |                 | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---------------------------------------|--|----|---------------------------------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
|                                       |  |    | Total                           | With 20 employees or more | Number <sup>3</sup> | Payroll (\$1,000) | Number <sup>4</sup> | Hours (1,000) | Wages (\$1,000) |                       |                                   |                                    |                                      |
| <b>BALANCE OF WAYNE COUNTY</b>        |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                 | Manufacturing .....  | 3  | 49                              | 6                         | 503                 | 15 677            | 353                 | 673           | 8 355           | 142 277               | 138 832                           | 180 737                            | 1 291                                |
| <b>BALANCE OF WESTMORELAND COUNTY</b> |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                 | Manufacturing .....  | 1  | 141                             | 38                        | 4 069               | 157 680           | 2 925               | 5 482         | 102 053         | 346 269               | 634 238                           | 982 267                            | 26 765                               |
| 331                                   | Primary metal manufacturing .....                                  | 1  | 6                               | 4                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3312                                  | Steel product manufacturing from purchased steel .....             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33122                                 | Rolling and drawing of purchased steel .....                       | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331221                                | Rolled steel shape manufacturing .....                             | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                                   | Fabricated metal product manufacturing .....                       | 2  | 52                              | 14                        | 831                 | 23 406            | 699                 | 1 317         | 17 142          | 47 478                | 28 820                            | 75 663                             | 5 721                                |
| 335                                   | Electrical equipment, appliance, and component manufacturing ..... | 1  | 4                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF WYOMING COUNTY</b>      |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                 | Manufacturing .....  | -  | 36                              | 6                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322                                   | Paper manufacturing .....  | -  | 2                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3221                                  | Pulp, paper, and paperboard mills .....                            | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212                                 | Paper mills .....  | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121                                | Paper (except newsprint) mills .....                               | -  | 1                               | 1                         | h                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| <b>BALANCE OF YORK COUNTY</b>         |  |    |                                 |                           |                     |                   |                     |               |                 |                       |                                   |                                    |                                      |
| 31-33                                 | Manufacturing .....  | 2  | 139                             | 55                        | 8 105               | 319 232           | 5 376               | 11 211        | 176 799         | 649 826               | 537 397                           | 1 183 044                          | 66 423                               |
| 322                                   | Paper manufacturing .....  | -  | 7                               | 5                         | 1 625               | 100 601           | 934                 | 2 165         | 53 755          | 225 719               | 172 063                           | 393 889                            | D                                    |
| 3221                                  | Pulp, paper, and paperboard mills .....                            | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 32212                                 | Paper mills .....  | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 322121                                | Paper (except newsprint) mills .....                               | -  | 1                               | 1                         | g                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3222                                  | Converted paper product manufacturing .....                        | -  | 6                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | 4 409                                |
| 323                                   | Printing and related support activities .....                      | 6  | 8                               | 4                         | 919                 | 27 990            | 660                 | 1 194         | 17 310          | 59 990                | 51 145                            | 111 399                            | 6 401                                |
| 3231                                  | Printing and related support activities .....                      | 6  | 8                               | 4                         | 919                 | 27 990            | 660                 | 1 194         | 17 310          | 59 990                | 51 145                            | 111 399                            | 6 401                                |
| 32311                                 | Printing .....   | 6  | 8                               | 4                         | 919                 | 27 990            | 660                 | 1 194         | 17 310          | 59 990                | 51 145                            | 111 399                            | 6 401                                |
| 323117                                | Books printing .....   | -  | 1                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326                                   | Plastics and rubber products manufacturing .....                   | 2  | 8                               | 6                         | 870                 | 29 119            | 672                 | 1 495         | 19 373          | 55 982                | 43 030                            | 99 427                             | 2 274                                |
| 3261                                  | Plastics product manufacturing ..                                  | 2  | 8                               | 6                         | 870                 | 29 119            | 672                 | 1 495         | 19 373          | 55 982                | 43 030                            | 99 427                             | 2 274                                |
| 32619                                 | Other plastics product manufacturing .....                         | 2  | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 326199                                | All other plastics product manufacturing .....                     | 2  | 7                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 327                                   | Nonmetallic mineral product manufacturing .....                    | 7  | 4                               | 1                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 331                                   | Primary metal manufacturing .....                                  | 3  | 6                               | 5                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 3315                                  | Foundries .....  | 6  | 4                               | 4                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 332                                   | Fabricated metal product manufacturing .....                       | -  | 29                              | 12                        | 821                 | 29 666            | 606                 | 1 199         | 18 318          | 60 980                | 40 837                            | 102 177                            | 4 397                                |
| 334                                   | Computer and electronic product manufacturing .....                | 3  | 7                               | 4                         | 778                 | 37 663            | 287                 | 569           | 7 707           | 42 469                | 21 879                            | 65 648                             | D                                    |
| 3344                                  | Semiconductor and other electronic component manufacturing .....   | 3  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |
| 33441                                 | Semiconductor and other electronic component manufacturing .....   | 3  | 5                               | 3                         | f                   | D                 | D                   | D             | D               | D                     | D                                 | D                                  | D                                    |

See footnotes at end of table.

## Table 4. Industry Statistics for Places: 2002—Con.

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data based on administrative-record data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Industries with 500 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 500 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: f—500 to 999 employees; g—1,000 to 2,499 employees; h—2,500 to 4,999 employees; i—5,000 to 9,999 employees; j—10,000 to 24,999 employees; k—25,000 to 49,999 employees; l—50,000 to 99,999 employees; m—100,000 employees or more.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 5. Detailed Statistics for the State: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item   | Value                   |
|--|-------------------------|
| <b>PENNSYLVANIA</b>  |                         |
| Companies <sup>1</sup> .....   | number.. N              |
| All establishments <sup>2</sup> .....  | number.. 16 665         |
| Establishments with 1 to 19 employees .....                                      | number.. 11 007         |
| Establishments with 20 to 99 employees .....                                     | number.. 4 004          |
| Establishments with 100 employees or more .....                                  | number.. 1 654          |
| All employees <sup>3</sup> .....   | number.. 715 453        |
| Total compensation .....   | \$1,000.. '34 783 544   |
| Annual payroll .....   | \$1,000.. '27 520 049   |
| Total fringe benefits .....  | \$1,000.. '7 263 495    |
| Production workers, average for year .....                                       | number.. '507 352       |
| Production workers on March 12 .....   | number.. '510 586       |
| Production workers on May 12 .....   | number.. '506 977       |
| Production workers on August 12 .....  | number.. '509 131       |
| Production workers on November 12 .....  | number.. '501 544       |
| Production worker hours .....  | 1,000.. '1 007 483      |
| Production worker wages .....  | \$1,000.. '16 357 457   |
| Total cost of materials .....  | \$1,000.. '89 072 976   |
| Materials, parts, containers, packaging, etc., used .....                        | \$1,000.. '76 583 675   |
| Resales .....  | \$1,000.. '6 988 876    |
| Purchased fuels .....  | \$1,000.. '1 487 896    |
| Purchased electricity .....  | \$1,000.. '1 854 864    |
| Contract work .....  | \$1,000.. '2 157 665    |
| Quantity of electricity purchased for heat and power .....                       | 1,000 kWh.. '34 842 750 |
| Quantity of electricity generated less sold for heat and power .....             | 1,000 kWh.. 2 732 459   |
| Total value of shipments .....   | \$1,000.. '181 462 443  |
| Value of resales .....   | \$1,000.. '9 545 446    |
| Value added .....  | \$1,000.. '92 319 195   |
| Total inventories, beginning of year .....                                       | \$1,000.. '19 860 434   |
| Finished goods inventories .....   | \$1,000.. '7 694 768    |
| Work-in-process inventories .....  | \$1,000.. '5 517 924    |
| Materials and supplies inventories .....   | \$1,000.. '6 647 742    |
| Total inventories, end of year .....   | \$1,000.. '19 880 408   |
| Finished goods inventories .....   | \$1,000.. '7 537 961    |
| Work-in-process inventories .....  | \$1,000.. '5 648 698    |
| Materials and supplies inventories .....   | \$1,000.. '6 693 749    |
| Gross value of depreciable assets (acquisition costs) at beginning of year ..... | \$1,000.. '78 111 190   |
| Total capital expenditures (new and used) .....                                  | \$1,000.. '4 922 598    |
| Buildings and other structures (new and used) .....                              | \$1,000.. '908 843      |
| Machinery and equipment (new and used) .....                                     | \$1,000.. '4 013 755    |
| Automobiles, trucks, etc., for highway use .....                                 | \$1,000.. '149 758      |
| Computers and peripheral data processing equipment .....                         | \$1,000.. '334 399      |
| All other expenditures for machinery and equipment .....                         | \$1,000.. '3 529 598    |
| Total retirements .....  | \$1,000.. '4 695 727    |
| Gross value of depreciable assets at end of year .....                           | \$1,000.. '78 338 061   |
| Depreciation charges during year .....   | \$1,000.. '4 794 339    |
| Total rental payments .....  | \$1,000.. '1 513 372    |
| Buildings and other structures .....   | \$1,000.. '820 825      |
| Machinery and equipment .....  | \$1,000.. '692 547      |

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

# Appendix A.

## Explanation of Terms

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### **COMPANY**

A company or “enterprise” is comprised of all the establishments that operate under the ownership or control of a single organization. A company may be a business, service, or membership organization; consist of one or several establishments; and operate at one or several locations. It includes all subsidiary organizations, all establishments that are majority-owned by the company or any subsidiary, and all the establishments that can be directed or managed by the company or any subsidiary.

A company may have one or many establishments. Examples include product and service sales offices (retail and wholesale), industrial production plants, processing or assembly operations, mines or well sites, and support operations (such as an administrative office, warehouse, customer service center, or regional headquarters). Each establishment should receive, complete, and return a separate census form.

If the company operated at different physical locations, even if the individual locations were producing the same line of goods, a separate report was requested for each location. If the company operated in two or more distinct lines of manufacturing at the same location, a separate report was requested for each activity.

### **Establishment**

An establishment is a single physical location where business is conducted or where services or industrial operations are performed. Data in this sector includes those establishments where manufacturing is performed. A separate report was required for each manufacturing establishment (plant) with one employee or more that was in operation at any time during the year.

An establishment not in operation for any portion of the year was requested to return the report form with the proper notation in the “Operational Status” section of the form. In addition, the establishment was requested to report data on any employees, capital expenditures, inventories, or shipments from inventories during the year.

### **PAYROLL**

This item includes the gross earnings of all employees on the payrolls of operating manufacturing establishments paid in the calendar year. Respondents were told they could follow the definition of payrolls used for calculating the federal withholding tax. It includes all forms of compensation, such as salaries, wages, commissions, dismissal pay, bonuses, vacation and sick leave pay, and compensation in kind, prior to such deductions as employees’ social security contributions, withholding taxes, group insurance, union dues, and savings bonds. The total includes salaries of officers of corporations; it excludes payments to proprietors or partners of unincorporated concerns. Also excluded are payments to members of Armed Forces and pensioners carried on the active payrolls of manufacturing establishments.

The census definition of payrolls is identical to that recommended to all federal statistical agencies by the Office of Management and Budget. It should be noted that this definition does not include employers’ social security contributions or other nonpayroll labor costs, such as employees’ pension plans, group insurance premiums, and workers’ compensation.

The ASM provides estimates of employers’ total supplemental labor costs (those required by federal and state laws and those incurred voluntarily or as part of collective bargaining agreements).

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## **TOTAL FRINGE BENEFITS**

This item is the employer's costs for social security tax, unemployment tax, workmen's compensation insurance, state disability insurance pension plans, stock purchase plans, union-negotiated benefits, life insurance premiums, and insurance premiums on hospital and medical plans for employees.

Fringe benefits are divided into legally required expenditures and payments for voluntary programs. The legally required portion consists primarily of federal old age and survivors' insurance, unemployment compensation, and workers' compensation. Payments for voluntary programs include all programs not specifically required by legislation, whether they were employer initiated or the result of collective bargaining. They include the employer portion of such plans as insurance premiums, premiums for supplemental accident and sickness insurance, pension plans, supplemental unemployment compensation, welfare plans, stock purchase plans on which the employer payment is not subject to withholding tax, and deferred profit-sharing plans. They exclude such items as company-operated cafeterias, in-plant medical services, free parking lots, discounts on employee purchases, and uniforms and work clothing for employees.

## **NUMBER OF EMPLOYEES**

This item includes all full-time and part-time employees on the payrolls of operating manufacturing establishments during any part of the pay period that included the 12th of the months specified on the report form. Included are employees on paid sick leave, paid holidays, and paid vacations; not included are proprietors and partners of unincorporated businesses.

These individuals consist of all full-time and part-time employees who are on the payrolls of establishments who worked or received pay for any part of the pay period including the 12th of March, May, August, and November.

The "all employees" number is the average number of production workers plus the number of other employees in mid-March. The number of production workers is the average for the payroll periods including the 12th of March, May, August, and November

### **Production Workers**

The "production workers" number includes workers (up through the line-supervisor level) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping (but not delivering), maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with these production operations at the establishment covered by the report. Employees above the working-supervisor level are excluded from this item.

### **All Other Employees**

The "other employees" covers nonproduction employees of the manufacturing establishment including those engaged in factory supervision above the line-supervisor level. It includes sales (including driver-salespersons), sales delivery (highway truck drivers and their helpers), advertising, credit, collection, installation and servicing of own products, clerical and routine office functions, executive, purchasing, financing, legal, personnel (including cafeteria, medical, etc.), professional, and technical employees. Also included are employees on the payroll of the manufacturing establishment engaged in the construction of major additions or alterations utilized as a separate work force.

## **PRODUCTION-WORKER HOURS**

This item covers all hours worked or paid for at the manufacturing plant, including actual overtime hours (not straight-time equivalent hours). It excludes hours paid for vacations, holidays, or sick leave when the employee was not at the establishment.

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## **COST OF MATERIALS**

This term refers to direct charges actually paid or payable for items consumed or put into production during the year, including freight charges and other direct charges incurred by the establishment in acquiring these materials. It includes the cost of materials or fuel consumed, whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.

Included in this item are:

1. Cost of parts, components, containers, etc. Includes all raw materials, semifinished goods, parts, containers, scrap, and supplies put into production or used as operating supplies and for repair and maintenance during the year.
2. Cost of products bought and sold in the same condition.
3. Cost of fuels consumed for heat and power. Includes the cost of materials or fuel consumed, whether purchased by the individual establishment from other companies, transferred to it from other establishments of the same company, or withdrawn from inventory during the year.
4. Cost of purchased electricity. The cost of purchased electric energy represents the amount actually used during the year for heat and power. In addition, information was collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other plants of the same company.
5. Cost of contract work. This term applies to work done by others on materials furnished by the manufacturing establishment. The actual cost of the material is to be reported on the cost of materials, parts, and containers line of this item. The term "Contract Work" refers to the fee a company pays to another company to perform a service.

### **Specific materials consumed**

In addition to the total cost of materials, which every establishment was required to report, information also was collected for most manufacturing industries on the consumption of major materials used in manufacturing. The inquiries were restricted to those materials that were important parts of the cost of production in a particular industry and for which cost information was available from manufacturers' records. If less than \$25,000 of a listed material was consumed by an establishment, the cost data could be reported in the "Cost of all other materials" Census material code 00970099.

Also, the cost of materials for small establishments for which administrative records or short forms were used was imputed into the "Materials not specified by kind" Census materials code 00971000.

## **QUANTITY OF ELECTRICITY PURCHASED FOR HEAT AND POWER**

Data on the cost of purchased electric energy were collected on all census forms. However, data on the quantity of purchased electric energy were collected only on the Annual Survey of Manufactures (ASM) form. In addition, information is collected on the quantity of electric energy generated by the establishment and the quantity of electric energy sold or transferred to other plants of the same company.

## **TOTAL VALUE OF SHIPMENTS**

Includes the received or receivable net selling values, "Free on Board" (FOB) plant (exclusive of freight and taxes), of all products shipped, both primary and secondary, as well as all miscellaneous receipts, such as receipts for contract work performed for others, installation and repair, sales of scrap, and sales of products bought and sold without further processing. Included are all



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items made by or for the establishments from material owned by it, whether sold, transferred to other plants of the same company, or shipped on consignment. The net selling value of products made in one plant on a contract basis from materials owned by another was reported by the plant providing the materials.

In the case of multiunit companies, the manufacturer was requested to report the value of products transferred to other establishments of the same company at full economic or commercial value, including not only the direct cost of production but also a reasonable proportion of "all other costs" (including company overhead) and profit.

In addition to the value for NAICS defined products, aggregates of the following categories of miscellaneous receipts are reported as part of a total establishment's value of product shipments:

1. reported contract work — receipts for work or services that a plant performed for others on their materials;
2. value of resales — sales of products bought and sold without further manufacture, processing, or assembly; and
3. other miscellaneous receipts — includes repair work, installation, sales of scrap, etc.

Industry primary product value of shipments represents one of three components of value of shipments. These components are:

1. primary product value of shipments;
2. secondary product value of shipments; and
3. total miscellaneous receipts.

Primary product shipments is used in the calculations of industry specialization ratio and industry coverage ratio.

### **Duplication in cost of materials and value of shipment**

The aggregate of the cost of materials and value of shipments figures for industry groups and for all manufacturing industries includes large amounts of duplication, since the products of some industries are used as materials by others. This duplication results, in part, from the addition of related industries representing successive stages in the production of a finished manufactured product. Examples are the addition of flour mills to bakeries in the food group and the addition of pulp mills to the paper manufacturing group of industries.

Estimates of the overall extent of this duplication indicate that the value of manufactured products exclusive of such duplication (the value of finished manufactures) tends to approximate two-thirds of the total value of products reported in the annual survey.

Duplication of products within individual industries is significant within a number of industry groups, e.g., machinery and transportation industries. These industries frequently include complete machinery and their parts. In this case, the parts made for original equipment are materials consumed for assembly plants in the same industry.

Even when no significant amount of duplication is involved, value of shipments figures are deficient as measures of the relative economic importance of individual manufacturing industries or geographic areas because of the wide variation in ratio of materials, labor, and other processing costs of value of shipments, both among industries and within the same industry.

Before 1962, cost of materials and value of shipments were not published for some industries that included considerable duplication. Since then, these data have been published for all industries at the U.S. level and beginning in 1964, for all geographic levels.

### **Specialization and coverage ratio**

An establishment is classified in a particular industry, if its shipments of primary products of that industry exceed in value its shipments of the products of any other single industry.

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An establishment's shipments include those products assigned to an industry (primary products), those considered primary to other industries (secondary products), and receipts for miscellaneous activities (merchandising, contract work, resales, etc.).

Specialization and coverage ratio have been developed to measure the relationship of primary product shipments to the data on shipments for a particular industry.

Specialization ratio represents the ratio of primary product shipments to total product shipments (primary and secondary, excluding miscellaneous receipts) for the establishments classified in the industry.

Coverage ratio represents the ratio of primary products shipped by the establishments classified in the industry to the total shipments of such products that are shipped by all manufacturing establishments wherever classified.

### **VALUE ADDED**

This measure of manufacturing activity is derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments (products manufactured plus receipts for services rendered). The result of this calculation is adjusted by the addition of value added by merchandising operations (i.e., the difference between the sales value and the cost of merchandise sold without further manufacture, processing, or assembly) plus the net change in finished goods and work-in-process between the beginning- and end-of-year inventories.

For those industries where value of production is collected instead of value of shipments, value added is adjusted only for the change in work-in-process inventories between the beginning and end of year. For those industries where value of work done is collected, the value added does not include an adjustment for the change in finished goods or work-in-process inventories.

"Value added" avoids the duplication in the figure for value of shipments that results from the use of products of some establishments as materials by others. Value added is considered to be the best value measure available for comparing the relative economic importance of manufacturing among industries and geographic areas.

### **TOTAL END-OF-YEAR INVENTORIES**

This item is comprised of:

- a. Finished products
- b. Work-in-process
- c. Materials, supplies, fuels, etc.

Beginning in 1982, respondents were asked to report their inventories at (the lower of) cost or market prior to adjustment to LIFO cost. This is a change from prior years in which respondents were permitted to value their inventories using any generally accepted accounting method. Therefore, 1982 through 2002 data for inventories are not strictly comparable to prior-year data.

In addition, total beginning-of-year inventories is the sum of several different types of inventory valuations.

Inventory valuations include:

1. Subject to Last-in, first-out (LIFO) costing (including LIFO reserve and value)
2. Not subject to LIFO costing
3. Valuation method not reported, and
4. Amount subject to LIFO reported without associated reserve and value.

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## **GROSS VALUE OF DEPRECIABLE/DEPLETABLE ASSETS AT BEGINNING OF YEAR**

Gross value of depreciable/depletable assets includes all fixed depreciable/depletable assets contained in accounting records of establishments. The values shown (gross book value) represent the actual cost of assets at the time they were acquired. Included are all costs incurred in making the assets usable (such as transportation and installation)

Gross value of depreciable/depletable assets includes:

1. Buildings and other structures (new and used).
2. Machinery and equipment (new and used), including automobiles, trucks, etc. for highway use and computers and peripheral data processing equipment.
3. Retirements.

Excluded are nondepreciable capital assets including inventories and intangible assets.

The definition of fixed depreciable assets is consistent with the definition of capital expenditures. For example, expenditures include actual capital outlays during the year rather than the final value of equipment put in place and buildings completed during the year.

In addition, respondents were requested to make certain that assets at the beginning of the year plus capital expenditures, less retirements, equaled assets at the end of the year.

## **CAPITAL EXPENDITURES FOR NEW AND USED PLANT AND EQUIPMENT**

Represents the total new and used capital expenditures reported by establishments in operation and any known plants under construction.

These data include expenditures for:

1. Permanent additions and major alterations to manufacturing and mining establishments.
2. New and used machinery and equipment used for replacement and additions to plant capacity, if they are of the type for which depreciation, depletion, or (for mining establishments) Office of Minerals Exploration accounts are ordinarily maintained. In addition, for mining establishments, these data include expenditures made during the year for development and exploration of mineral properties. For manufacturing establishments, these data are broken down into three types.
  - a. Automobiles, trucks, etc. for highway use. These include vehicles acquired under a lease-purchase agreement and excludes vehicles leased or normally designed to transport materials, property, or equipment on mining, construction, petroleum development, and similar projects. These vehicles are of such size or weight as to be normally restricted by state laws or regulations from operating on public highways. It also excludes purchases of vehicles that are purchased by a company for highway use.
  - b. Computers and peripheral data processing equipment. This item includes all purchases of computers and related equipment.
  - c. All other expenditures for machinery and equipment excluding automobiles and computer equipment.

Capital expenditures include work done by contract, as well as by the establishment's own workforce.

These data exclude expenditures for land and mineral rights and cost of maintenance and repairs charged as current operating expenses.

## **RETIREMENTS OF DEPRECIABLE ASSETS**

Included in this item is the gross value of assets sold, retired, scrapped, destroyed, etc., during the calendar year. When a complete operation or establishment changed ownership, the respondent was instructed to report the value of the assets sold at the original cost as recorded in the books of the seller. The respondent also was requested to report retirements of equipment or structures owned by a parent company that the establishment was using as if it were a tenant.

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## **RENTAL PAYMENTS**

Total rental payments are collected on all census forms. However, the breakdown between rental payments for buildings and other structures and rental payments for machinery and equipment is collected only on the ASM forms. This item includes rental payments for the use of all items for which depreciation reserves would be maintained if they were owned by the establishment, e.g., structures and buildings, and production, office, and transportation equipment. Excluded are royalties and other payments for the use of intangibles and depletable assets and land rents where separable.

When an establishment of a multiestablishment company was charged rent by another part of the same company for the use of assets owned by the company, it was instructed to exclude that cost from rental payments.

However, the book value (original cost) of these company-owned assets was to be reported as assets of the establishment at the end of the year.

If there were assets at an establishment rented from another company and the rents were paid centrally by the head office of the establishment, the company was instructed to report these rental payments as if they were paid directly by the establishment.

## **DEPRECIATION CHARGES FOR FIXED ASSETS**

This item includes depreciation and amortization charged during the year against assets. Depreciation charged against fixed assets acquired since the beginning of the year and against assets sold or retired during the year are components of this category. Respondents were requested to make certain that they did not report accumulated depreciation.

# Appendix B.

## NAICS Codes, Titles, and Descriptions

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### **SECTOR 31-33 MANUFACTURING**

The Manufacturing sector comprises establishments engaged in the mechanical, physical, or chemical transformation of materials, substances, or components into new products. The assembling of component parts of manufactured products is considered manufacturing, except in cases where the activity is appropriately classified in Sector 23, Construction.

Establishments in the Manufacturing sector are often described as plants, factories, or mills and characteristically use power-driven machines and materials-handling equipment. However, establishments that transform materials or substances into new products by hand or in the worker's home and those engaged in selling to the general public products made on the same premises from which they are sold, such as bakeries, candy stores, and custom tailors, may also be included in this sector. Manufacturing establishments may process materials or may contract with other establishments to process their materials for them. Both types of establishments are included in manufacturing.

The materials, substances, or components transformed by manufacturing establishments are raw materials that are products of agriculture, forestry, fishing, mining, or quarrying as well as products of other manufacturing establishments. The materials used may be purchased directly from producers, obtained through customary trade channels, or secured without recourse to the market by transferring the product from one establishment to another, under the same ownership. The new product of a manufacturing establishment may be finished in the sense that it is ready for utilization or consumption, or it may be semifinished to become an input for an establishment engaged in further manufacturing. For example, the product of the alumina refinery is the input used in the primary production of aluminum; primary aluminum is the input to an aluminum wire drawing plant; and aluminum wire is the input for a fabricated wire product manufacturing establishment.

The subsectors in the Manufacturing sector generally reflect distinct production processes related to material inputs, production equipment, and employee skills. In the machinery area, where assembling is a key activity, parts and accessories for manufactured products are classified in the industry of the finished manufactured item when they are made for separate sale. For example, a replacement refrigerator door would be classified with refrigerators and an attachment for a piece of metal working machinery would be classified with metal working machinery. However, components, input from other manufacturing establishments, are classified based on the production function of the component manufacturer. For example, electronic components are classified in Subsector 334, Computer and Electronic Product Manufacturing and stampings are classified in Subsector 332, Fabricated Metal Product Manufacturing.

Manufacturing establishments often perform one or more activities that are classified outside the Manufacturing sector of NAICS. For instance, almost all manufacturing has some captive research and development or administrative operations, such as accounting, payroll, or management. These captive services are treated the same as captive manufacturing activities. When the services are provided by separate establishments, they are classified to the NAICS sector where such services are primary, not in manufacturing.

The boundaries of manufacturing and the other sectors of the classification system can be somewhat blurry. The establishments in the manufacturing sector are engaged in the transformation of materials into new products. Their output is a new product. However, the definition of what constitutes a new product can be somewhat subjective. As clarification, the following activities are considered manufacturing in NAICS: Milk bottling and pasteurizing; Water bottling and processing;

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Fresh fish packaging (oyster shucking, fish filleting); Apparel jobbing (assigning of materials to contract factories or shops for fabrication or other contract operations) as well as contracting on materials owned by others; Printing and related activities; Ready-mixed concrete production; Leather converting; Grinding of lenses to prescription; Wood preserving; Electroplating, plating, metal heat treating, and polishing for the trade; Lapidary work for the trade; Fabricating signs and advertising displays; Rebuilding or remanufacturing machinery (i.e., automotive parts) Ship repair and renovation; Machine shops; and Tire retreading. Conversely, there are activities that are sometimes considered manufacturing, but which for NAICS are classified in another sector (i.e., not classified as manufacturing).

They include: (1) Logging, classified in Sector 11, Agriculture, Forestry, Fishing and Hunting is considered a harvesting operation; (2) The beneficiating of ores and other minerals, classified in Sector 21, Mining, is considered part of the activity of mining; (3) The construction of structures and fabricating operations performed at the site of construction by contractors, is classified in Sector 23, Construction; (4) Establishments engaged in breaking of bulk and redistribution in smaller lots, including packaging, repackaging, or bottling products, such as liquors or chemicals; the customized assembly of computers; sorting of scrap; mixing paints to customer order; and cutting metals to customer order, classified in Sector 42, Wholesale Trade or Sector 44-45, Retail Trade, produce a modified version of the same product, not a new product; and (5) Publishing and the combined activity of publishing and printing, classified in Sector 51, Information, perform the transformation of information into a product where as the value of the product to the consumer lies in the information content, not in the format in which it is distributed (i.e., the book or software diskette).

### **311 FOOD MANUFACTURING**

Industries in the Food Manufacturing subsector transform livestock and agricultural products into products for intermediate or final consumption. The industry groups are distinguished by the raw materials (generally of animal or vegetable origin) processed into food products.

The food products manufactured in these establishments are typically sold to wholesalers or retailers for distribution to consumers, but establishments primarily engaged in retailing bakery and candy products made on the premises not for immediate consumption are included.

Establishments primarily engaged in manufacturing beverages are classified in Subsector 312, Beverage and Tobacco Product Manufacturing.

#### **3111 ANIMAL FOOD MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing food and feed for animals from ingredients, such as grains, oilseed mill products, and meat products.

##### **31111 ANIMAL FOOD MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing food and feed for animals from ingredients, such as grains, oilseed mill products, and meat products.

##### **311111 DOG AND CAT FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing dog and cat food from ingredients, such as grains, oilseed mill products, and meat products.

##### **311119 OTHER ANIMAL FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing animal food (except dog and cat) from ingredients, such as grains, oilseed mill products, and meat products.

#### **3112 GRAIN AND OILSEED MILLING**

This industry group comprises establishments primarily engaged in one or more of the following:

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1. Milling flour or meal from grains or vegetables;
  2. Preparing flour mixes or doughs from flour milled in the same establishment;
  3. Milling, cleaning, and polishing rice; and
  4. Manufacturing malt from barley, rye, or other grains.

### **31121 FLOUR MILLING AND MALT MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. Milling flour or meal from grains or vegetables
2. Preparing flour mixes or doughs from flour milled in the same establishment
3. Milling, cleaning, and polishing rice; and
4. Manufacturing malt from barley, rye, or other grains.

### **311211 FLOUR MILLING**

This U.S. industry comprises establishments primarily engaged in the following:

1. Milling flour or meal from grains (except rice) or vegetables and/or
2. Milling flour and preparing flour mixes or doughs.

### **311212 RICE MILLING**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. milling rice;
2. cleaning and polishing rice; or
3. milling, cleaning, and polishing rice.

The establishments in this industry may package the rice they mill with other ingredients.

### **311213 MALT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing malt from barley, rye, or other grains.

### **31122 STARCH AND VEGETABLE FATS AND OILS MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. Wet milling corn and vegetables;
2. Crushing oilseeds and tree nuts;
3. Refining and/or blending vegetable oils;
4. Manufacturing shortening and margarine; and
5. Blending purchased animal fats with vegetable fats.

### **311221 WET CORN MILLING**

This U.S. industry comprises establishments primarily engaged in wet milling corn and other vegetables (except to make ethyl alcohol). Examples of products made in these establishments are corn sweeteners, such as glucose, dextrose, and fructose; corn oil; and starches (except laundry).

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### **311222 SOYBEAN PROCESSING**

This U.S. industry comprises establishments engaged in crushing soybeans. Examples of products produced in these establishments are soybean oil, soybean cake and meal, and soybean protein isolates and concentrates.

### **311223 OTHER OILSEED PROCESSING**

This U.S. industry comprises establishments engaged in crushing oilseeds (except soybeans) and tree nuts, such as cottonseeds, linseeds, peanuts, and sunflower seeds.

### **311225 FATS AND OILS REFINING AND BLENDING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. Manufacturing shortening and margarine from purchased fats and oils;
2. Refining and/or blending vegetable, oilseed, and tree nut oils from purchased oils; and
3. Blending purchased animal fats with purchased vegetable fats.

### **31123 BREAKFAST CEREAL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing breakfast cereal foods.

### **311230 BREAKFAST CEREAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing breakfast cereal foods.

### **3113 SUGAR AND CONFECTIONERY PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in one of the following:

1. Process agricultural inputs, such as sugarcane, beet, and cacao, to give rise to a new product (sugar or chocolate), and
2. Those that begin with sugar and chocolate and process these further.

### **31131 SUGAR MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing raw sugar, liquid sugar, and refined sugar from sugarcane, raw cane sugar and sugarbeets.

### **311311 SUGARCANE MILLS**

This U.S. industry comprises establishments primarily engaged in processing sugarcane.

### **311312 CANE SUGAR REFINING**

This U.S. industry comprises establishments primarily engaged in refining cane sugar from raw cane sugar.

### **311313 BEET SUGAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing refined beet sugar from sugarbeets.

### **31132 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS**

This industry comprises establishments primarily engaged in shelling, roasting, and grinding cacao beans and making chocolate cacao products and chocolate confectioneries.



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### **311320 CHOCOLATE AND CONFECTIONERY MANUFACTURING FROM CACAO BEANS**

This U.S. industry comprises establishments primarily engaged in shelling, roasting, and grinding cacao beans and making chocolate cacao products and chocolate confectioneries.

### **31133 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE**

This industry comprises establishments primarily engaged in manufacturing chocolate confectioneries from chocolate produced elsewhere. Included in this industry are establishments primarily engaged in retailing chocolate confectionery products not for immediate consumption made on the premises from chocolate made elsewhere.

### **311330 CONFECTIONERY MANUFACTURING FROM PURCHASED CHOCOLATE**

This U.S. industry comprises establishments primarily engaged in manufacturing chocolate confectioneries from chocolate produced elsewhere. Included in this industry are establishments primarily engaged in retailing chocolate confectionery products not for immediate consumption made on the premises from chocolate made elsewhere.

### **31134 NONCHOCOLATE CONFECTIONERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing nonchocolate confectioneries. Included in this industry are establishments primary engaged in retailing nonchocolate confectionery products not for immediate consumption made on the premises.

### **311340 NONCHOCOLATE CONFECTIONERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonchocolate confectioneries. Included in this industry are establishments primary engaged in retailing nonchocolate confectionery products not for immediate consumption made on the premises.

### **3114 FRUIT AND VEGETABLE PRESERVING AND SPECIALTY FOOD MANUFACTURING**

This industry group comprises establishments primarily engaged in the following:

1. Those that freeze food and
2. Those that use preservation processes, such as pickling, canning, and dehydrating.

Both types begin their production process with inputs of vegetable or animal origin.

### **31141 FROZEN FOOD MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing frozen fruit, frozen juices, frozen vegetables, and frozen specialty foods (except seafood), such as frozen dinners, entrees, and side dishes; frozen pizza; frozen whipped toppings; and frozen waffles, pancakes, and french toast.

### **311411 FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing frozen fruits; frozen vegetables; and frozen fruit juices, ades, drinks, cocktail mixes and concentrates.

### **311412 FROZEN SPECIALTY FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing frozen specialty foods (except seafood), such as frozen dinners, entrees, and side dishes; frozen pizza; frozen whipped topping; and frozen waffles, pancakes, and french toast.

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## **31142 FRUIT AND VEGETABLE CANNING, PICKLING, AND DRYING**

This industry comprises establishments primarily engaged in manufacturing canned, pickled, and dried fruits, vegetables, and specialty foods. Establishments in this industry may package the dried or dehydrated ingredients they make with other purchased ingredients. Examples of products made by these establishments are canned juices; canned baby foods; canned soups (except seafood); canned dry beans; canned tomato-based sauces, such as catsup, salsa, chili, spaghetti, barbeque, and tomato paste, pickles, relishes, jams and jellies, dried soup mixes and bullions, and sauerkraut.

### **311421 FRUIT AND VEGETABLE CANNING**

This U.S. industry comprises establishments primarily engaged in manufacturing canned, pickled, and brined fruits and vegetables. Examples of products made in these establishments are canned juices; canned jams and jellies; canned tomato-based sauces, such as catsup, salsa, chili, spaghetti, barbeque, and tomato paste; pickles, relishes, and sauerkraut.

### **311422 SPECIALTY CANNING**

This U.S. industry comprises establishments primarily engaged in manufacturing canned specialty foods. Examples of products made in these establishments are canned baby food, canned baked beans, canned soups (except seafood), canned spaghetti, and other canned nationality foods.

### **311423 DRIED AND DEHYDRATED FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. Drying (including freeze-dried) and/or dehydrating fruits, vegetables, and soup mixes and bouillon and/or
2. Drying and/or dehydrating ingredients and packaging them with other purchased ingredients, such as rice and dry pasta.

## **3115 DAIRY PRODUCT MANUFACTURING**

This industry group comprises establishments that manufacture dairy products from raw milk, processed milk, and dairy substitutes.

### **31151 DAIRY PRODUCT (EXCEPT FROZEN) MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. Manufacturing dairy products (except frozen) from raw milk and/or processed milk products;
2. Manufacturing dairy substitutes (except frozen) from soybeans and other nondairy substances; and
3. Manufacturing dry, condensed, concentrated, and evaporated dairy and dairy substitute products.

### **311511 FLUID MILK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. Manufacturing processed milk products, such as pasteurized milk or cream and sour cream and/or
2. Manufacturing fluid milk dairy substitutes from soybeans and other nondairy substances.

### **311512 CREAMERY BUTTER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing creamery butter from milk and/or processed milk products.

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### **311513 CHEESE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing cheese products (except cottage cheese) from raw milk and/or processed milk products and/or
2. manufacturing cheese substitutes from soybean and other nondairy substances.

### **311514 DRY, CONDENSED, AND EVAPORATED DAIRY PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing dry, condensed, and evaporated milk and dairy substitute products.

### **31152 ICE CREAM AND FROZEN DESSERT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing ice cream, frozen yogurts, frozen ices, sherbets, frozen tofu, and other frozen desserts (except bakery products).

### **311520 ICE CREAM AND FROZEN DESSERT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ice cream, frozen yogurts, frozen ices, sherbets, frozen tofu, and other frozen desserts (except bakery products).

### **3116 ANIMAL SLAUGHTERING AND PROCESSING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Slaughtering animals;
2. Preparing processed meats and meat byproducts; and
3. Rendering and/or refining animal fat, bones, and meat scraps.

This industry includes establishments primarily engaged in assembly cutting and packing of meats (i.e., boxed meats) from purchased carcasses.

### **31161 ANIMAL SLAUGHTERING AND PROCESSING**

This industry comprises establishments primarily engaged in one or more of the following:

1. Slaughtering animals;
2. Preparing processed meats and meat byproducts; and
3. Rendering and/or refining animal fat, bones, and meat scraps.

This industry includes establishments primarily engaged in assembly cutting and packing of meats (i.e., boxed meats) from purchased carcasses.

### **311611 ANIMAL (EXCEPT POULTRY) SLAUGHTERING**

This U.S. industry comprises establishments primarily engaged in slaughtering animals (except poultry and small game). Establishments that slaughter and prepare meats are included in this industry.

### **311612 MEAT PROCESSED FROM CARCASSES**

This U.S. industry comprises establishments primarily engaged in processing or preserving meat and meat byproducts (except poultry and small game) from purchased meats. This industry includes establishments primarily engaged in assembly cutting and packing of meats (i.e., boxed meats) from purchased meats.

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### **311613 RENDERING AND MEAT BYPRODUCT PROCESSING**

This U.S. industry comprises establishments primarily engaged in rendering animal fat, bones, and meat scraps.

### **311615 POULTRY PROCESSING**

This U.S. industry comprises establishments primarily engaged in:

1. slaughtering poultry and small game and/or
2. preparing processed poultry and small game meat and meat byproducts.

### **3117 SEAFOOD PRODUCT PREPARATION AND PACKAGING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Canning seafood (including soup);
2. Smoking, salting, and drying seafood;
3. Eviscerating fresh fish by removing heads, fins, scales, bones, and entrails;
4. Shucking and packing fresh shellfish;
5. Processing marine fats and oils; and
6. Freezing seafood.

Establishments known as “floating factory ships” that are engaged in the gathering and processing of seafood into canned seafood products are also included in this industry group.

### **31171 SEAFOOD PRODUCT PREPARATION AND PACKAGING**

This industry comprises establishments primarily engaged in one or more of the following:

1. Canning seafood (including soup);
2. Smoking, salting, and drying seafood;
3. Eviscerating fresh fish by removing heads, fins, scales, bones, and entrails;
4. Shucking and packing fresh shellfish;
5. Processing marine fats and oils; and
6. Freezing seafood.

Establishments known as “floating factory ships” that are engaged in the gathering and processing of seafood into canned seafood products are also included in this industry.

### **311711 SEAFOOD CANNING**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. Canning seafood (including soup) and marine fats and oils and/or
2. Smoking, salting, and drying seafood.

Establishments known as “floating factory ships” that are engaged in the gathering and processing of seafood into canned seafood products are also included in this industry.

### **311712 FRESH AND FROZEN SEAFOOD PROCESSING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. Eviscerating fresh fish by removing heads, fins, scales, bones, and entrails;
2. Shucking and packing fresh shellfish;

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3. Manufacturing frozen seafood; and
  4. Processing fresh and frozen marine fats and oils.

### **3118 Bakeries and Tortilla Manufacturing**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Bread and bakery product manufacturing;
2. Cookie, cracker, and pasta manufacturing; and
3. Tortilla manufacturing.

### **31181 Bread and Bakery Product Manufacturing**

This industry comprises establishments primarily engaged in manufacturing fresh and frozen bread and other bakery products.

#### **311811 Retail Bakeries**

This U.S. industry comprises establishments primarily engaged in retailing bread and other bakery products not for immediate consumption made on the premises from flour, not from prepared dough.

#### **311812 Commercial Bakeries**

This U.S. industry comprises establishments primarily engaged in manufacturing fresh and frozen bread and bread-type rolls and other fresh bakery (except cookies and crackers) products.

#### **311813 Frozen Cakes, Pies, and Other Pastries Manufacturing**

This U.S. industry comprises establishments primarily engaged in manufacturing frozen bakery products (except bread), such as cakes, pies, and doughnuts.

### **31182 Cookie, Cracker, and Pasta Manufacturing**

This industry comprises establishments primarily engaged in one of the following:

1. Manufacturing cookies and crackers;
2. Preparing flour and dough mixes and dough from flour ground elsewhere; and
3. Manufacturing dry pasta.

The establishments in this industry may package the dry pasta they manufacture with other ingredients.

#### **311821 Cookie and Cracker Manufacturing**

This U.S. industry comprises establishments primarily engaged in manufacturing cookies, crackers, and other products, such as ice cream cones.

#### **311822 Flour Mixes and Dough Manufacturing from Purchased Flour**

This U.S. industry comprises establishments primarily engaged in manufacturing prepared flour mixes or dough mixes from flour ground elsewhere.

#### **311823 Dry Pasta Manufacturing**

This U.S. industry comprises establishments primarily engaged in manufacturing dry pasta. The establishments in this industry may package the dry pasta they manufacture with other ingredients.

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### **311821 COOKIE AND CRACKER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cookies, crackers, and other products, such as ice cream cones.

### **311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR**

This U.S. industry comprises establishments primarily engaged in manufacturing prepared flour mixes or dough mixes from flour ground elsewhere.

### **311823 DRY PASTA MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing dry pasta. The establishments in this industry may package the dry pasta they manufacture with other ingredients.

### **31183 TORTILLA MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing tortillas.

### **311830 TORTILLA MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing tortillas.

### **3119 OTHER FOOD MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing food (except animal food; grain and oilseed milling; sugar and confectionery products; preserved fruit, vegetable, and specialty foods; dairy products; meat products; seafood products; and bakeries and tortillas). The industry group includes industries with different productive processes, such as snack food manufacturing; coffee and tea manufacturing; concentrate, syrup, condiment, and spice manufacturing; and, in general, an entire range of other miscellaneous food product manufacturing.

### **31191 SNACK FOOD MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. Salting, roasting, drying, cooking, or canning nuts;
2. Processing grains or seeds into snacks;
3. Manufacturing peanut butter; and
4. Manufacturing potato chips, corn chips, popped popcorn, pretzels (except soft), pork rinds, and similar snacks.

### **311911 ROASTED NUTS AND PEANUT BUTTER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. Salting, roasting, drying, cooking, or canning nuts;
2. Processing grains or seeds into snacks; and
3. Manufacturing peanut butter.

### **311919 OTHER SNACK FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing snack foods (except roasted nuts and peanut butter).

### **31192 COFFEE AND TEA MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

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1. Roasting coffee;
  2. Manufacturing coffee and tea concentrates (including instant and freeze-dried);
  3. Blending tea;
  4. Manufacturing herbal tea; and
  5. Manufacturing coffee extracts, flavorings, and syrups.

### **311920 COFFEE AND TEA MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. Roasting coffee;
2. Manufacturing coffee and tea concentrates (including instant and freeze-dried);
3. Blending tea;
4. Manufacturing herbal tea; and
5. Manufacturing coffee extracts, flavorings, and syrups.

### **31193 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing flavoring syrup drink concentrates and related products for soda fountain use or for the manufacture of soft drinks.

### **311930 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing flavoring syrup drink concentrates and related products for soda fountain use or for the manufacture of soft drinks.

### **31194 SEASONING AND DRESSING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. Manufacturing dressings and sauces, such as mayonnaise, salad dressing, vinegar, mustard, horseradish, soy sauce, tarter sauce, Worcestershire sauce, and other prepared sauces (except tomato-based and gravies);
2. Manufacturing spices, table salt, seasoning, and flavoring extracts (except coffee and meat), and natural food colorings; and
3. Manufacturing dry mix food preparations, such as salad dressing mixes, gravy and sauce mixes, frosting mixes, and other dry mix preparations.

### **311941 MAYONNAISE, DRESSING, AND OTHER PREPARED SAUCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing mayonnaise, salad dressing, vinegar, mustard, horseradish, soy sauce, tarter sauce, Worcestershire sauce, and other prepared sauces (except tomato-based and gravy).

### **311942 SPICE AND EXTRACT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. Manufacturing spices, table salt, seasonings, flavoring extracts (except coffee and meat), and natural food colorings and/or
2. Manufacturing dry mix food preparations, such as salad dressing mixes, gravy and sauce mixes, frosting mixes, and other dry mix preparations.

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### **31199 ALL OTHER FOOD MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing food (except animal food; grain and oilseed milling; sugar and confectionery products; preserved fruits, vegetables, and specialties; dairy products; meat products; seafood products; bakeries and tortillas; snack foods; coffee and tea; flavoring syrups and concentrates; seasonings; and dressings). Included in this industry are establishments primarily engaged in mixing purchased dried and/or dehydrated ingredients including those mixing purchased dried and/or dehydrated ingredients for soup mixes and bouillon.

### **311991 PERISHABLE PREPARED FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing perishable prepared foods, such as salads, sandwiches, prepared meals, fresh pizza, fresh pasta, and peeled or cut vegetables.

### **311999 ALL OTHER MISCELLANEOUS FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing food (except animal food; grain and oilseed milling; sugar and confectionery products; preserved fruits, vegetables, and specialties; dairy products; meat products; seafood products; bakery and tortillas products; snack foods; coffee and tea; flavoring syrups and concentrates; seasonings and dressings; and perishable prepared food). Included in this industry are establishments primarily engaged in mixing purchased dried and/or dehydrated ingredients including those mixing purchased dried and/or dehydrated ingredients for soup mixes and bouillon.

### **312 BEVERAGE AND TOBACCO PRODUCT MANUFACTURING**

Industries in the Beverage and Tobacco Product Manufacturing subsector manufacture beverages and tobacco products. The industry group, Beverage Manufacturing, includes three types of establishments:

1. Those that manufacture nonalcoholic beverages;
2. Those that manufacture alcoholic beverages through the fermentation process; and
3. Those that produce distilled alcoholic beverages.

Ice manufacturing, while not a beverage, is included with nonalcoholic beverage manufacturing because it uses the same production process as water purification.

In the case of activities related to the manufacture of beverages, the structure follows the defined productive processes. Brandy, a distilled beverage, was not placed under distillery product manufacturing, but rather under the NAICS class for winery product manufacturing since the productive process used in the manufacturing of alcoholic grape-based beverages produces both wines (fermented beverage) and brandies (distilled beverage).

The industry group, Tobacco Manufacturing, includes two types of establishments:

1. Those engaged in redrying and stemming tobacco and,
2. Those that manufacture tobacco products, such as cigarettes and cigars.

### **3121 BEVERAGE MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing soft drinks; ice; bottled water; breweries; wineries; and/or distilleries.

### **31211 SOFT DRINK AND ICE MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. Manufacturing soft drinks;



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2. Manufacturing ice; and
  3. Purifying and bottling water.

### **312111 SOFT DRINK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing soft drinks and artificially carbonated waters.

### **312112 BOTTLED WATER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in purifying and bottling water (including naturally carbonated).

### **312113 ICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ice.

### **31212 BREWERIES**

This industry comprises establishments primarily engaged in brewing beer, ale, malt liquors, and nonalcoholic beer.

### **312120 BREWERIES**

This U.S. industry comprises establishments primarily engaged in brewing beer, ale, malt liquors, and nonalcoholic beer.

### **31213 WINERIES**

This industry comprises establishments primarily engaged in one or more of the following:

1. Growing grapes and manufacturing wine and brandies;
2. Manufacturing wine and brandies from grapes and other fruits grown elsewhere; and
3. Blending wines and brandies.

### **312130 WINERIES**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. Growing grapes and manufacturing wine and brandies;
2. Manufacturing wine and brandies from grapes and other fruits grown elsewhere; and
3. Blending wines and brandies.

### **31214 DISTILLERIES**

This industry comprises establishments primarily engaged in one or more of the following:

1. Distilling potable liquors (except brandies);
2. Distilling and blending liquors; and
3. Blending and mixing liquors and other ingredients.

### **312140 DISTILLERIES**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. Distilling potable liquors (except brandies);
2. Distilling and blending liquors; and
3. Blending and mixing liquors and other ingredients.

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### **3122 TOBACCO MANUFACTURING**

This industry group comprises establishments primarily engaged in the stemming and redrying of tobacco, and in the manufacturing of tobacco products.

#### **31221 TOBACCO STEMMING AND REDRYING**

This industry comprises establishments primarily engaged in the stemming and redrying of tobacco.

#### **312210 TOBACCO STEMMING AND REDRYING**

This U.S. industry comprises establishments primarily engaged in the stemming and redrying of tobacco.

#### **31222 TOBACCO PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing cigarettes, cigars, smoking and chewing tobacco, and reconstituted tobacco.

#### **312221 CIGARETTE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cigarettes.

#### **312229 OTHER TOBACCO PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing tobacco products (except cigarettes).

### **313 TEXTILE MILLS**

Industries in the Textile Mills subsector group establishments that transform a basic fiber (natural or synthetic) into a product, such as yarn or fabric, that is further manufactured into usable items, such as apparel, sheets towels, and textile bags for individual or industrial consumption. The further manufacturing may be performed in the same establishment and classified in this subsector, or it may be performed at a separate establishment and be classified elsewhere in manufacturing.

The main processes in this subsector include preparation and spinning of fiber, knitting or weaving of fabric, and the finishing of the textile. The NAICS structure follows and captures this process flow. Major industries in this flow, such as preparation of fibers, weaving of fabric, knitting of fabric, and fiber and fabric finishing, are uniquely identified. Texturizing, throwing, twisting, and winding of yarn contains aspects of both fiber preparation and fiber finishing and is classified with preparation of fibers rather than with finishing of fiber.

NAICS separates the manufacturing of primary textiles and the manufacturing of textile products (except apparel) when the textile product is produced from purchased primary textiles, such as fabric. The manufacturing of textile products (except apparel) from purchased fabric is classified in Subsector 314, Textile Product Mills, and apparel from purchased fabric is classified in Subsector 315, Apparel Manufacturing.

Excluded from this subsector are establishments that weave or knit fabric and make garments. These establishments are included in Subsector 315, Apparel Manufacturing.

#### **3131 FIBER, YARN, AND THREAD MILLS**

This NAICS Industry Group include establishments classified in NAICS Industry 31311, Fiber, Yarn, and Thread Mills.

#### **31311 FIBER, YARN, AND THREAD MILLS**

This industry comprises establishments primarily engaged in one or more of the following:

1. spinning yarn

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2. manufacturing thread of any fiber
  3. texturizing, throwing, twisting, and winding purchased yarn or manmade fiber filaments
  4. producing hemp yarn and further processing into rope or bags.

### **313111 YARN SPINNING MILLS**

This U.S. industry comprises establishments primarily engaged in spinning yarn from any fiber and/or producing hemp yarn and further processing into rope or bags.

### **313112 YARN TEXTURIZING, THROWING, AND TWISTING MILLS**

This U.S. industry comprises establishments primarily engaged in texturizing, throwing, twisting, spooling, or winding purchased yarns or manmade fiber filaments.

### **313113 THREAD MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing thread (e.g., sewing, hand-knitting, crochet) of all fibers.

### **3132 FABRIC MILLS**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Broadwoven fabric mills;
2. Narrow fabric mills and schiffli machine embroidery;
3. Nonwoven fabric mills; and
4. Knit fabric mills.

### **31321 BROADWOVEN FABRIC MILLS**

This industry comprises establishments primarily engaged in weaving broadwoven fabrics and felts (except tire fabrics and rugs). Establishments in this industry may weave only, weave and finish, or weave, finish, and further fabricate fabric products.

#### **313210 BROADWOVEN FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in weaving broadwoven fabrics and felts (except tire fabrics and rugs). Establishments in this industry may weave only, weave and finish, or weave, finish, and further fabricate fabric products.

#### **31322 NARROW FABRIC MILLS AND SCHIFFLI MACHINE EMBROIDERY**

This industry comprises establishments primarily engaged in one or more of the following:

1. weaving or braiding narrow fabrics
2. manufacturing Schiffli machine embroideries
3. making fabric-covered elastic yarn and thread.

#### **313221 NARROW FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in:

1. weaving or braiding narrow fabrics in their final form or initially made in wider widths that are specially constructed for narrower widths and/or
2. making fabric-covered elastic yarn and thread.

Establishments in this industry may weave only; weave and finish; or weave, finish, and further fabricate fabric products.

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### **313222 SCHIFFLI MACHINE EMBROIDERY**

This U.S. industry comprises establishments primarily engaged in manufacturing Schiffli machine embroideries.

### **31323 NONWOVEN FABRIC MILLS**

This industry comprises establishments primarily engaged in manufacturing nonwoven fabrics and felts. Processes used include bonding and/or interlocking fibers by mechanical, chemical, thermal, or solvent means, or by combinations thereof.

### **313230 NONWOVEN FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing nonwoven fabrics and felts. Processes used include bonding and/or interlocking fibers by mechanical, chemical, thermal, or solvent means, or by combinations thereof.

### **31324 KNIT FABRIC MILLS**

This industry comprises establishments primarily engaged in one of the following:

1. knitting weft (i.e., circular) and warp (i.e., flat) fabric
2. knitting and finishing weft and warp fabric
3. manufacturing lace
4. manufacturing, dyeing, and finishing lace and lace goods. Establishments in this industry may knit only; knit and finish; or knit, finish, and further fabricate fabric products (except apparel).

### **313241 WEFT KNIT FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in knitting weft (i.e., circular) fabric or knitting and finishing weft fabric. Establishments in this industry may knit only; knit and finish; or knit, finish, and further fabricate fabric products (except apparel).

### **313249 OTHER KNIT FABRIC AND LACE MILLS**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. knitting warp (i.e., flat) fabric;
2. knitting and finishing warp fabric;
3. manufacturing lace; or
4. manufacturing, dyeing, or finishing lace and lace goods.

Establishments in this industry may knit only; knit and finish; or knit, finish, and further fabricate fabric products (except apparel).

### **3133 TEXTILE AND FABRIC FINISHING AND FABRIC COATING MILLS**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Textile and fabric finishing mills and
2. Fabric coating mills.

### **31331 TEXTILE AND FABRIC FINISHING MILLS**

This industry comprises:

1. establishments primarily engaged in finishing of textiles, fabrics, and apparel
2. establishments of converters who buy fabric goods in the grey, have them finished on contract, and sell at wholesale. Finishing operations include:

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- a. bleaching
  - b. dyeing
  - c. printing (e.g., roller, screen, flock, plisse)
  - d. stonewashing
  - e. other mechanical finishing (preshrinking, shrinking, sponging, calendering, mercerizing, and napping; as well as cleaning, scouring, and the preparation of natural fibers and raw stock).

### **313311 BROADWOVEN FABRIC FINISHING MILLS**

This U.S. industry comprises:

1. Establishments primarily engaged in finishing broadwoven fabrics
2. Establishments of converters who buy broadwoven fabrics in the grey, have them finished on contract, and sell at wholesale.

### **313312 TEXTILE AND FABRIC FINISHING (EXCEPT BROADWOVEN FABRIC) MILLS**

This U.S. industry comprises:

1. Establishments primarily engaged in dyeing, bleaching, printing, and other finishing of textiles, apparel, and fabrics (except broadwoven)
2. Establishments of converters who buy fabrics (except broadwoven) in the grey, have them finished on contract, and sell at wholesale. Finishing operations include bleaching, dyeing, printing (e.g., roller, screen, flock, plisse), stonewashing, and other mechanical finishing, such as preshrinking, shrinking, sponging, calendering, mercerizing and napping; as well as cleaning, scouring, and the preparation of natural fibers and raw stock.

### **31332 FABRIC COATING MILLS**

This industry comprises establishments primarily engaged in coating, laminating, varnishing, waxing, and rubberizing textiles and apparel.

### **313320 FABRIC COATING MILLS**

This U.S. industry comprises establishments primarily engaged in coating, laminating, varnishing, waxing, and rubberizing textiles and apparel.

### **314 TEXTILE PRODUCT MILLS**

Industries in the Textile Product Mills subsector group establishments that make textile products (except apparel). With a few exceptions, processes used in these industries are generally cut and sew (i.e., purchasing fabric and cutting and sewing to make nonapparel textile products, such as sheets and towels).

### **3141 TEXTILE FURNISHINGS MILLS**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Carpet and rug mills and
2. Curtain and linen mills.

### **31411 CARPET AND RUG MILLS**

This industry comprises establishments primarily engaged in one or more of the following:

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1. Manufacturing woven, tufted, and other carpets and rugs, such as art squares, floor mattings, needlepunch carpeting, and door mats and mattings, from textile materials or from twisted paper, grasses, reeds, sisal, jute, or rags and/or
  2. Finishing carpets and rugs.

### **314110 CARPET AND RUG MILLS**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing woven, tufted, and other carpets and rugs, such as art squares, floor mattings, needlepunch carpeting, and door mats and mattings, from textile materials or from twisted paper, grasses, reeds, sisal, jute, or rags and/or
2. finishing carpets and rugs.

### **31412 CURTAIN AND LINEN MILLS**

This industry comprises establishments primarily engaged in manufacturing household textile products, such as curtains, draperies, linens, bedspreads, sheets, tablecloths, towels, and shower curtains, from purchased materials.

### **314121 CURTAIN AND DRAPERY MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing window curtains and draperies from purchased fabrics or sheet goods. The curtains and draperies may be made on a stock or custom basis for sale to individual retail customers.

### **314129 OTHER HOUSEHOLD TEXTILE PRODUCT MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing household textile products (except window curtains and draperies), such as bedspreads, sheets, tablecloths, towels, and shower curtains, from purchased materials.

### **3149 OTHER TEXTILE PRODUCT MILLS**

This industry group comprises establishments primarily engaged in making textile products, (except carpets and rugs, curtains and draperies, and other household textile products) from purchased materials.

### **31491 TEXTILE BAG AND CANVAS MILLS**

This industry comprises establishments primarily engaged in manufacturing textile bags, awnings, tents, and related products from purchased textile fabrics.

### **314911 TEXTILE BAG MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing bags from purchased textile fabrics or yarns.

### **314912 CANVAS AND RELATED PRODUCT MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing canvas and canvas-like products, such as awnings, sails, tarpaulins, and tents, from purchased fabrics.

### **31499 ALL OTHER TEXTILE PRODUCT MILLS**

This industry comprises establishments primarily engaged in manufacturing nonapparel textile products (except carpet, rugs, curtains, linens, bags, and canvas products) from purchased materials.

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### **314991 ROPE, CORDAGE, AND TWINE MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing rope, cable, cordage, twine, and related products from all materials (e.g., abaca, sisal, henequen, hemp, cotton, paper, jute, flax, manmade fibers including glass).

### **314992 TIRE CORD AND TIRE FABRIC MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing cord and fabric of polyester, rayon, cotton, glass, steel, or other materials for use in reinforcing rubber tires, industrial belting, and similar uses.

### **314999 ALL OTHER MISCELLANEOUS TEXTILE PRODUCT MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing textile products (except carpets and rugs; curtains and linens; textile bags and canvas products; rope, cordage, and twine; and tire cords and tire fabrics) from purchased materials.

## **315 APPAREL MANUFACTURING**

Industries in the Apparel Manufacturing subsector group establishments with two distinct manufacturing processes:

1. Cut and sew (i.e., purchasing fabric and cutting and sewing to make a garment), and
2. The manufacture of garments in establishments that first knit fabric and then cut and sew the fabric into a garment.

The Apparel Manufacturing subsector includes a diverse range of establishments manufacturing full lines of ready-to-wear apparel and custom apparel: apparel contractors, performing cutting or sewing operations on materials owned by others; jobbers performing entrepreneurial functions involved in apparel manufacture; and tailors, manufacturing custom garments for individual clients are all included. Knitting, when done alone, is classified in the Textile Mills subsector, but when knitting is combined with the production of complete garments, the activity is classified in Apparel Manufacturing.

### **3151 APPAREL KNITTING MILLS**

This industry group comprises establishments primarily engaged in knitting apparel or knitting fabric and then manufacturing apparel. This industry group includes jobbers performing entrepreneurial functions involved in knitting apparel and accessories. Knitting fabric, without manufacturing apparel, is classified in Subsector 313, Textile Mills.

### **31511 HOSIERY AND SOCK MILLS**

This industry comprises establishments primarily engaged in knitting or knitting and finishing hosiery and socks.

#### **315111 SHEER HOSIERY MILLS**

This U.S. industry comprises establishments primarily engaged in knitting or knitting and finishing women's, misses', and girls' full-length and knee-length sheer hosiery (except socks).

#### **315119 OTHER HOSIERY AND SOCK MILLS**

This U.S. industry comprises establishments primarily engaged in knitting or knitting and finishing hosiery (except women's, misses', and girls' sheer hosiery).

### **31519 OTHER APPAREL KNITTING MILLS**

This industry comprises establishments primarily engaged in one of the following:

1. knitting underwear, outerwear, and/or nightwear;

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2. knitting fabric and manufacturing underwear, outerwear, and/or nightwear; or
  3. knitting, manufacturing, and finishing knit underwear, outerwear, and/or nightwear.

### **315191 OUTERWEAR KNITTING MILLS**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. knitting outerwear;
2. knitting fabric and manufacturing outerwear; and
3. knitting, manufacturing, and finishing knit outerwear.

Examples of products made in knit outerwear mills are shirts, shorts, sweat suits, sweaters, gloves, and pants.

### **315192 UNDERWEAR AND NIGHTWEAR KNITTING MILLS**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. knitting underwear and nightwear;
2. knitting fabric and manufacturing underwear and nightwear; or
3. knitting, manufacturing, and finishing knit underwear and nightwear.

Examples of products produced in underwear and nightwear knitting mills are briefs, underwear T-shirts, pajamas, nightshirts, foundation garments, and panties.

### **3152 CUT AND SEW APPAREL MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing cut and sew apparel from woven fabric or purchased knit fabric. Included in this industry group is a diverse range of establishments manufacturing full lines of ready-to-wear apparel and custom apparel: apparel contractors, performing cutting or sewing operations on materials owned by others; jobbers performing entrepreneurial functions involved in apparel manufacture; and tailors, manufacturing custom garments for individual clients. Establishments weaving or knitting fabric, without manufacturing apparel, are classified in Subsector 313, Textile Mills.

### **31521 CUT AND SEW APPAREL CONTRACTORS**

This industry comprises establishments commonly referred to as contractors primarily engaged in one of the following:

1. cutting materials owned by others for apparel and accessories and/or
2. sewing materials owned by others for apparel and accessories.

### **315211 MEN'S AND BOYS' CUT AND SEW APPAREL CONTRACTORS**

This U.S. industry comprises establishments (commonly referred to as contractors) primarily engaged in:

1. cutting materials owned by others for men's and boys' apparel and/or
2. sewing materials owned by others for men's and boys' apparel.

### **315212 WOMEN'S, GIRLS', AND INFANTS' CUT AND SEW APPAREL CONTRACTORS**

This U.S. industry comprises establishments commonly referred to as contractors primarily engaged in one of the following:

1. cutting materials owned by others for women's, girls', and infants' apparel and accessories and/or
2. sewing materials owned by others for women's, girls', and infants' apparel and accessories.



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### **31522 MEN'S AND BOYS' CUT AND SEW APPAREL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing men's and boys' cut and sew apparel from purchased fabric. Men's and boys' clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315221 MEN'S AND BOYS' CUT AND SEW UNDERWEAR AND NIGHTWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' underwear and nightwear from purchased fabric. Men's and boys' underwear and nightwear jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are briefs, bathrobes, underwear T-shirts and shorts, nightshirts, and pajamas.

### **315222 MEN'S AND BOYS' CUT AND SEW SUIT, COAT, AND OVERCOAT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' suits, overcoats, sport coats, tuxedos, dress uniforms, and other tailored apparel (except fur and leather) from purchased fabric. Men's and boys' suit, coat, and overcoat jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315223 MEN'S AND BOYS' CUT AND SEW SHIRT (EXCEPT WORK SHIRT) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' outerwear shirts from purchased fabric. Men's and boys' shirt (except work shirt) jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Unisex outerwear shirts, such as T-shirts and sweatshirts that are sized without specific reference to gender (i.e., adult S, M, L, XL) are included in this industry.

### **315224 MEN'S AND BOYS' CUT AND SEW TROUSER, SLACK, AND JEAN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' jeans, dungarees, and other separate trousers and slacks (except work pants) from purchased fabric. Men's and boys' trouser, slack, and jean jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315225 MEN'S AND BOYS' CUT AND SEW WORK CLOTHING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' work shirts, work pants (excluding jeans and dungarees), other work clothing, and washable service apparel from purchased fabric. Men's and boys' work clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are washable service apparel, laboratory coats, work shirts, work pants (except jeans and dungarees), and hospital apparel.

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### **315228 MEN'S AND BOYS' CUT AND SEW OTHER OUTERWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' cut and sew outerwear from purchased fabric (except underwear, nightwear, shirts, suits, overcoats and tailored coats, separate trousers and slacks, and work clothing). Men's and boys' other outerwear jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Unisex sweatpants and similar garments that are sized without specific reference to gender (i.e., adult S, M, L, XL) are also included in this industry. Examples of products made by these establishments are athletic clothing (except athletic uniforms), bathing suits, down coats, outerwear shorts, windbreakers and jackets, and jogging suits.

### **31523 WOMEN'S AND GIRLS' CUT AND SEW APPAREL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing women's and girls' apparel from purchased fabric. Women's and girls' clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315231 WOMEN'S AND GIRLS' CUT AND SEW LINGERIE, LOUNGEWEAR, AND NIGHTWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' bras, girdles, and other underwear; lingerie; loungewear; and nightwear from purchased fabric. Women's and girls' lingerie, loungewear, and nightwear jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are bathrobes, foundation garments, nightgowns, pajamas, panties, and slips.

### **315232 WOMEN'S AND GIRLS' CUT AND SEW BLOUSE AND SHIRT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' blouses and shirts from purchased fabric. Women's and girls' blouse and shirt jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315233 WOMEN'S AND GIRLS' CUT AND SEW DRESS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' dresses from purchased fabric. Women's and girls' dress jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315234 WOMEN'S AND GIRLS' CUT AND SEW SUIT, COAT, TAILORED JACKET, AND SKIRT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' suits, pantsuits, skirts, tailored jackets, vests, raincoats, and other tailored coats, (except fur and leather coats) from purchased fabric. Women's and girls' suit, coat, tailored jacket, and skirt jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

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### **315239 WOMEN'S AND GIRLS' CUT AND SEW OTHER OUTERWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's and girls' cut and sew apparel from purchased fabric (except underwear, lingerie, nightwear, blouses, shirts, dresses, suits, tailored coats, tailored jackets, and skirts). Women's and girls' other outerwear clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are bathing suits, down coats, sweaters, jogging suits, outerwear pants and shorts, and windbreakers.

### **31529 OTHER CUT AND SEW APPAREL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing cut and sew apparel from purchased fabric (except men's, boys', women's, and girls' apparel). This industry includes establishments manufacturing apparel, such as fur apparel, leather apparel, infants' apparel, costumes, and clerical vestments.

### **315291 INFANTS' CUT AND SEW APPAREL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing infants' dresses, blouses, shirts, and all other infants' wear from purchased fabric. Infants' clothing jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. For the purposes of classification, the term "infants' apparel" includes apparel for young children of an age not exceeding 24 months.

### **315292 FUR AND LEATHER APPAREL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cut and sew fur and leather apparel, and sheep-lined clothing. Fur and leather apparel jobbers, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included.

### **315299 ALL OTHER CUT AND SEW APPAREL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cut and sew apparel from purchased fabric (except cut and sew apparel contractors; men's and boys' cut and sew underwear, nightwear, suits, coats, shirts, trousers, work clothing, and other outerwear; women's and girls' lingerie, blouses, shirts, dresses, suits, coats, and other outerwear; infants' apparel; and fur and leather apparel). Clothing jobbers for these products, who perform entrepreneurial functions involved in apparel manufacture, including buying raw materials, designing and preparing samples, arranging for apparel to be made from their materials, and marketing finished apparel, are included. Examples of products made by these establishments are team athletic uniforms, band uniforms, academic caps and gowns, clerical vestments, and costumes.

### **3159 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing apparel accessories and other apparel (except apparel knitting mills, apparel contractors, men's and boys' cut and sew apparel, women's and girls' cut and sew apparel, infants' cut and sew apparel, fur and leather apparel, and all other cut and sew apparel). This industry group includes jobbers performing entrepreneurial functions involved in manufacturing apparel accessories.

### **31599 APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing apparel and accessories (except apparel knitting mills, cut and sew apparel contractors, men's and boys' cut and sew apparel, women's and girls' cut and sew apparel, and other cut and sew apparel). Jobbers, who

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perform entrepreneurial functions involved in apparel accessories manufacture, including buying raw materials, designing and preparing samples, arranging for apparel accessories to be made from their materials, and marketing finished apparel accessories, are included. Examples of products made by these establishments are belts, caps, gloves (except medical, sporting, safety), hats, and neckties.

### **315991 HAT, CAP, AND MILLINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cut and sew hats, caps, millinery, and hat bodies from purchased fabric. Jobbers, who perform entrepreneurial functions involved in hat, cap, and millinery manufacture, including buying raw materials, designing and preparing samples, arranging for hats, caps, and millinery to be made from their materials, and marketing finished hats, caps, and millinery, are included.

### **315992 GLOVE AND MITTEN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing cut and sew gloves (except rubber, metal, and athletic gloves) and mittens from purchased fabric, fur, leather, or from combinations of fabric, fur, or leather. Jobbers, who perform entrepreneurial functions involved in glove and mitten manufacture, including buying raw materials, designing and preparing samples, arranging for gloves and mittens to be made from their materials, and marketing finished gloves and mittens, are included.

### **315993 MEN'S AND BOYS' NECKWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's and boys' cut and sew neckties, scarves, and mufflers from purchased fabric, leather, or from combinations of leather and fabric. Men's and boys' neckwear jobbers, who perform entrepreneurial functions involved in neckwear manufacture, including buying raw materials, designing and preparing samples, arranging for neckwear to be made from their materials, and marketing finished neckwear, are included.

### **315999 OTHER APPAREL ACCESSORIES AND OTHER APPAREL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing apparel and apparel accessories (except apparel knitting mills; cut and sew apparel contractors; cut and sew apparel; hats and caps; mittens and gloves; and men's and boys' neckwear). Jobbers for these products, who perform entrepreneurial functions involved in other apparel and accessory manufacture, including buying raw materials, designing and preparing samples, arranging for other apparel and accessories to be made from their materials, and marketing finished other apparel and accessories, are included. Examples of products made by these establishments are apparel trimmings and findings, belts, women's scarves, and suspenders.

### **316 LEATHER AND ALLIED PRODUCT MANUFACTURING**

Establishments in the Leather and Allied Product Manufacturing subsector transform hides into leather by tanning or curing and fabricating the leather into products for final consumption. It also includes the manufacture of similar products from other materials, including products (except apparel) made from "leather substitutes," such as rubber, plastics, or textiles. Rubber footwear, textile luggage, and plastics purses or wallets are examples of "leather substitute" products included in this group. The products made from leather substitutes are included in this subsector because they are made in similar ways leather products are made (e.g., luggage). They are made in the same establishments, so it is not practical to separate them.

The inclusion of leather making in this subsector is partly because leather tanning is a relatively small industry that has few close neighbors as a production process, partly because leather is an input to some of the other products classified in this subsector and partly for historical reasons.

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### **3161 LEATHER AND HIDE TANNING AND FINISHING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Tanning, currying, and finishing hides and skins;
2. Having others process hides and skins on a contract basis; and
3. Dyeing or dressing furs.

### **31611 LEATHER AND HIDE TANNING AND FINISHING**

This industry comprises establishments primarily engaged in one or more of the following:

1. tanning, currying, and finishing hides and skins;
2. having others process hides and skins on a contract basis; and
3. dyeing or dressing furs.

### **316110 LEATHER AND HIDE TANNING AND FINISHING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. tanning, currying, and finishing hides and skins;
2. having others process hides and skins on a contract basis; and
3. dyeing or dressing furs.

### **3162 FOOTWEAR MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing rubber and plastics footwear with vulcanized rubber or plastics soles, molded or cemented to rubber, plastics, or fabric uppers, and rubber and plastics protective footwear.

### **31621 FOOTWEAR MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing footwear (except orthopedic extension footwear).

### **316211 RUBBER AND PLASTICS FOOTWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing rubber and plastics footwear with vulcanized rubber or plastics soles, molded or cemented to rubber, plastics, or fabric uppers, and rubber and plastics protective footwear.

### **316212 HOUSE SLIPPER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing house slippers and slipper socks, regardless of material.

### **316213 MEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing men's footwear designed primarily for dress, street, and work. This industry includes men's shoes with rubber or plastics soles and leather or vinyl uppers.

### **316214 WOMEN'S FOOTWEAR (EXCEPT ATHLETIC) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's footwear designed for dress, street, and work. This industry includes women's shoes with rubber or plastics soles and leather or vinyl uppers.

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### **316219 OTHER FOOTWEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing other footwear (except rubber and plastics footwear; house slippers; men's footwear (except athletic); and women's footwear (except athletic)).

### **3169 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing leather products (except footwear and apparel) from purchased leather or leather substitutes (e.g., fabric, plastics).

### **31699 OTHER LEATHER AND ALLIED PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing leather products (except footwear and apparel) from purchased leather or leather substitutes (e.g., fabric, plastics).

### **316991 LUGGAGE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing luggage of any material.

### **316992 WOMEN'S HANDBAG AND PURSE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing women's handbags and purses of any material (except precious metal).

### **316993 PERSONAL LEATHER GOOD (EXCEPT WOMEN'S HANDBAG AND PURSE) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing personal leather goods (i.e., small articles of any material (except metal) normally carried on or about the person or in a handbag). Examples of personal leather goods made by these establishments are billfolds, coin purses, key cases, toilet kits, and watchbands (except metal).

### **316999 ALL OTHER LEATHER GOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing leather goods (except footwear, luggage, handbags, purses, and personal leather goods).

### **321 WOOD PRODUCT MANUFACTURING**

Industries in the Wood Product Manufacturing subsector manufacture wood products, such as lumber, plywood, veneers, wood containers, wood flooring, wood trusses, manufactured homes (i.e., mobile home), and prefabricated wood buildings. The production processes of the Wood Product Manufacturing subsector include sawing, planing, shaping, laminating, and assembling of wood products starting from logs that are cut into bolts, or lumber that then may be further cut, or shaped by lathes or other shaping tools. The lumber or other transformed wood shapes may also be subsequently planed or smoothed, and assembled into finished products, such as wood containers. The Wood Product Manufacturing subsector includes establishments that make wood products from logs and bolts that are sawed and shaped, and establishments that purchase sawed lumber and make wood products. With the exception of sawmills and wood preservation establishments, the establishments are grouped into industries mainly based on the specific products manufactured.

### **3211 SAWMILLS AND WOOD PRESERVATION**

This industry group comprises establishments whose primary production process begins with logs or bolts that are transformed into boards, dimension lumber, beams, timbers, poles, ties, shingles, shakes, siding, and wood chips. Establishments that cut and treat round wood and/or treat wood products made in other establishments to prevent rotting by impregnation with creosote or other chemical compounds are also included in this industry group.

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### **32111 SAWMILLS AND WOOD PRESERVATION**

This industry comprises establishments primarily engaged in one or more of the following:

1. sawing dimension lumber, boards, beams, timber, poles, ties, shingles, shakes, siding, and wood chips from logs or bolts;
2. sawing round wood poles, pilings, and posts and treating them with preservatives; and
3. treating wood sawed, planed, or shaped in other establishments with creosote or other preservatives to prevent decay and to protect against fire and insects.

Sawmills may plane the rough lumber that they make with a planing machine to achieve smoothness and uniformity of size.

### **321113 SAWMILLS**

This U.S. industry comprises establishments primarily engaged in sawing dimension lumber, boards, beams, timbers, poles, ties, shingles, shakes, siding, and wood chips from logs or bolts. Sawmills may plane the rough lumber that they make with a planing machine to achieve smoothness and uniformity of size.

### **321114 WOOD PRESERVATION**

This U.S. industry comprises establishments primarily engaged in:

1. treating wood sawed, planed, or shaped in other establishments with creosote or other preservatives, such as chromated copper arsenate, to prevent decay and to protect against fire and insects and/or
2. sawing round wood poles, pilings, and posts and treating them with preservatives.

### **3212 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing veneer and/or plywood;
2. Manufacturing engineered wood members; and
3. Manufacturing reconstituted wood products.

This industry includes manufacturing plywood from veneer made in the same establishment or from veneer made in other establishments, and manufacturing plywood faced with nonwood materials, such as plastics or metal.

### **32121 VENEER, PLYWOOD, AND ENGINEERED WOOD PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing veneer and/or plywood;
2. manufacturing engineered wood members; and
3. manufacturing reconstituted wood products.

This industry includes manufacturing plywood from veneer made in the same establishment or from veneer made in other establishments, and manufacturing plywood faced with nonwood materials, such as plastics or metal.

### **321211 HARDWOOD VENEER AND PLYWOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing hardwood veneer and/or hardwood plywood.



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### **321212 SOFTWOOD VENEER AND PLYWOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing softwood veneer and/or softwood plywood.

### **321213 ENGINEERED WOOD MEMBER (EXCEPT TRUSS) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated or laminated wood arches and/or other fabricated or laminated wood structural members.

### **321214 TRUSS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing laminated or fabricated wood roof and floor trusses.

### **321219 RECONSTITUTED WOOD PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing reconstituted wood sheets and boards.

### **3219 OTHER WOOD PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and wood preservation facilities; and establishments manufacturing veneer, plywood, or engineered wood products).

### **32191 MILLWORK**

This industry comprises establishments primarily engaged in manufacturing hardwood and softwood cut stock and dimension stock (i.e., shapes); wood windows and wood doors; and other millwork including wood flooring. Dimension stock or cut stock is defined as lumber and worked wood products cut or shaped to specialized sizes. These establishments generally use woodworking machinery, such as jointers, planers, lathes, and routers to shape wood.

### **321911 WOOD WINDOW AND DOOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing window and door units, sash, window and door frames, and doors from wood or wood clad with metal or plastics.

### **321912 CUT STOCK, RESAWING LUMBER, AND PLANING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing dimension lumber from purchased lumber;
2. manufacturing dimension stock (i.e., shapes) or cut stock;
3. resawing the output of sawmills; and
4. planing purchased lumber.

These establishments generally use woodworking machinery, such as jointers, planers, lathes, and routers to shape wood.

### **321918 OTHER MILLWORK (INCLUDING FLOORING)**

This U.S. industry comprises establishments primarily engaged in manufacturing millwork (except wood windows, wood doors, and cut stock).

### **32192 WOOD CONTAINER AND PALLET MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood pallets, wood box shoo, wood boxes, other wood containers, and wood parts for pallets and containers.



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### **321920 WOOD CONTAINER AND PALLET MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood pallets, wood box shoo, wood boxes, other wood containers, and wood parts for pallets and containers.

### **32199 ALL OTHER WOOD PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and wood preservation facilities; and establishments manufacturing veneer, plywood, engineered wood products, millwork, wood containers, or pallets).

### **321991 MANUFACTURED HOME (MOBILE HOME) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in making manufactured homes (i.e., mobile homes) and nonresidential mobile buildings. Manufactured homes are designed to accept permanent water, sewer, and utility connections and although equipped with wheels, they are not intended for regular highway movement.

### **321992 PREFABRICATED WOOD BUILDING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing prefabricated wood buildings and wood sections and panels for prefabricated wood buildings.

### **321999 ALL OTHER MISCELLANEOUS WOOD PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood products (except establishments operating sawmills and preservation facilities; establishments manufacturing veneer, engineered wood products, millwork, wood containers, pallets, and wood container parts; and establishments making manufactured homes (i.e., mobile homes) and prefabricated buildings and components).

## **322 PAPER MANUFACTURING**

Industries in the Paper Manufacturing subsector make pulp, paper, or converted paper products. The manufacturing of these products is grouped together because they constitute a series of vertically connected processes. More than one is often carried out in a single establishment. There are essentially three activities. The manufacturing of pulp involves separating the cellulose fibers from other impurities in wood or used paper. The manufacturing of paper involves matting these fibers into a sheet. Converted paper products are made from paper and other materials by various cutting and shaping techniques and includes coating and laminating activities.

The Paper Manufacturing subsector is subdivided into two industry groups, the first for the manufacturing of pulp and paper and the second for the manufacturing of converted paper products. Paper making is treated as the core activity of the subsector. Therefore, any establishment that makes paper (including paperboard), either alone or in combination with pulp manufacturing or paper converting, is classified as a paper or paperboard mill. Establishments that make pulp without making paper are classified as pulp mills. Pulp mills, paper mills and paperboard mills comprise the first industry group.

Establishments that make products from purchased paper and other materials make up the second industry group, Converted Paper Product Manufacturing. This general activity is then subdivided based, for the most part, on process distinctions. Paperboard container manufacturing uses corrugating, cutting, and shaping machinery to form paperboard into containers. Paper bag and coated and treated paper manufacturing establishments cut and coat paper and foil. Stationery product manufacturing establishments make a variety of paper products used for writing, filing, and similar applications. Other converted paper product manufacturing includes, in particular, the conversion of sanitary paper stock into such things as tissue paper and disposable diapers.

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An important process used in the Paper Bag and Coated and Treated Paper Manufacturing industry is lamination, often combined with coating. Lamination and coating makes a composite material with improved properties of strength, impermeability, and so on. The laminated materials may be paper, metal foil, or plastics film. While paper is often one of the components, it is not always. Lamination of plastics film to plastics film is classified in the NAICS Subsector 326, Plastics and Rubber Products Manufacturing, because establishments that do this often first make the film. The same situation holds with respect to bags. The manufacturing of bags from plastics only, whether or not laminated, is classified in Subsector 326, Plastics and Rubber Products Manufacturing, but all other bag manufacturing is classified in this subsector.

Excluded from this subsector are photosensitive papers. These papers are chemically treated and are classified in Industry 32599, All Other Chemical Product and Preparation Manufacturing.

### **3221 PULP, PAPER, AND PAPERBOARD MILLS**

This industry group comprises establishments primarily engaged in manufacturing pulp, paper, or paperboard.

#### **32211 PULP MILLS**

This industry comprises establishments primarily engaged in manufacturing pulp without manufacturing paper or paperboard. The pulp is made by separating the cellulose fibers from the other impurities in wood or other materials, such as used or recycled rags, linters, scrap paper, and straw.

##### **322110 PULP MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing pulp without manufacturing paper or paperboard. The pulp is made by separating the cellulose fibers from the other impurities in wood or other materials, such as used or recycled rags, linters, scrap paper, and straw.

##### **32212 PAPER MILLS**

This industry comprises establishments primarily engaged in manufacturing paper from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may convert the paper they make. The activity of making paper classifies an establishment into this industry regardless of the output.

##### **322121 PAPER (EXCEPT NEWSPRINT) MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing paper (except newsprint and uncoated groundwood paper) from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paper they make.

##### **322122 NEWSPRINT MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing newsprint and uncoated groundwood paper from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paper they make.

##### **32213 PAPERBOARD MILLS**

This industry comprises establishments primarily engaged in manufacturing paperboard from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paperboard they make.

##### **322130 PAPERBOARD MILLS**

This U.S. industry comprises establishments primarily engaged in manufacturing paperboard from pulp. These establishments may manufacture or purchase pulp. In addition, the establishments may also convert the paperboard they make.

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## **3222 CONVERTED PAPER PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in converting paper or paperboard without manufacturing paper or paperboard.

### **32221 PAPERBOARD CONTAINER MANUFACTURING**

This industry comprises establishments primarily engaged in converting paperboard into containers without manufacturing paperboard. These establishments use corrugating, cutting, and shaping machinery to form paperboard into containers. Products made by these establishments include boxes; corrugated sheets, pads, and pallets; paper dishes; and fiber drums and reels.

#### **322211 CORRUGATED AND SOLID FIBER BOX MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in laminating purchased paper or paperboard into corrugated or solid fiber boxes and related products, such as pads, partitions, pallets, and corrugated paper without manufacturing paperboard. These boxes are generally used for shipping.

#### **322212 FOLDING PAPERBOARD BOX MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paperboard (except corrugated) into folding paperboard boxes without manufacturing paper and paperboard.

#### **322213 SETUP PAPERBOARD BOX MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paperboard into setup paperboard boxes (i.e., rigid-sided boxes not shipped flat) without manufacturing paperboard.

#### **322214 FIBER CAN, TUBE, DRUM, AND SIMILAR PRODUCTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paperboard into fiber cans, tubes, drums, and similar products without manufacturing paperboard.

#### **322215 NONFOLDING SANITARY FOOD CONTAINER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting sanitary foodboard into food containers (except folding).

### **32222 PAPER BAG AND COATED AND TREATED PAPER MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. cutting and coating paper and paperboard;
2. cutting and laminating paper and paperboard and other flexible materials (except plastics film to plastics film);
3. manufacturing bags or multiwall bags or sacks of paper, metal foil, coated paper, or laminates or coated combinations of paper and foil with plastics film;
4. manufacturing laminated aluminum and other converted metal foils from purchased foils; and
5. surface coating paper or paperboard.

### **322221 COATED AND LAMINATED PACKAGING PAPER AND PLASTICS FILM MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. cutting and coating paper and

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2. cutting and laminating paper with other flexible materials (except plastics to plastics or foil to paper laminates).

The products made in this industry are made from purchased sheet materials and may be printed in the same establishment.

### **322222 COATED AND LAMINATED PAPER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in performing one or more of the following activities associated with making products designed for purposes other than packaging:

1. cutting and coating paper;
2. cutting and laminating paper and other flexible materials (except plastics film to plastics film); and
3. laminating aluminum and other metal foils for nonpackaging uses from purchased foils.

The products made in this industry are made from purchased sheet materials and may be printed in the same establishment.

### **322223 PLASTICS, FOIL, AND COATED PAPER BAG MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing bags of coated paper, of metal foil, or of laminated or coated combinations of plastics, foil, and paper, whether or not printed.

### **322224 UNCOATED PAPER AND MULTIWALL BAG MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing uncoated paper bags or multiwall bags and sacks.

### **322225 LAMINATED ALUMINUM FOIL MANUFACTURING FOR FLEXIBLE PACKAGING USES**

This U.S. industry comprises establishments primarily engaged in laminating aluminum and other metal foil into products with flexible packaging uses or gift wrap and other packaging wrap applications.

### **322226 SURFACE-COATED PAPERBOARD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in laminating, lining, or surface coating purchased paperboard to make other paperboard products.

### **32223 STATIONERY PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in converting paper or paperboard into products used for writing, filing, art work, and similar applications.

### **322231 DIE-CUT PAPER AND PAPERBOARD OFFICE SUPPLIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paper rollstock or paperboard into die-cut paper or paperboard office supplies. For the purpose of this industry, office supplies are defined as office products, such as filing folders, index cards, rolls for adding machines, file separators and dividers, tabulating cards, and other paper and paperboard office supplies.

### **322232 ENVELOPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing envelopes for mailing or stationery of any material including combinations.

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### **322233 STATIONERY, TABLET, AND RELATED PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paper and paperboard into products used for writing and similar applications (e.g., looseleaf fillers, notebooks, pads, stationery, and tablets).

### **32229 OTHER CONVERTED PAPER PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in one of the following:

1. converting paper and paperboard into products (except containers, bags, coated and treated paper and paperboard, and stationery products), or
2. converting pulp into pulp products, such as disposable diapers, or molded pulp egg cartons, food trays, and dishes.

Processes used include laminating or lining purchased paper or paperboard.

### **322291 SANITARY PAPER PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting purchased sanitary paper stock or wadding into sanitary paper products, such as facial tissues and handkerchiefs, table napkins, toilet paper, towels, disposable diapers, sanitary napkins, and tampons.

### **322299 ALL OTHER CONVERTED PAPER PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting paper or paperboard into products (except containers, bags, coated and treated paper, stationery products, and sanitary paper products) or converting pulp into pulp products, such as egg cartons, food trays, and other food containers from molded pulp.

### **323 PRINTING AND RELATED SUPPORT ACTIVITIES**

Industries in the Printing and Related Support Activities subsector print products, such as newspapers, books, labels, business cards, stationery, business forms, and other materials, and perform support activities, such as data imaging, platemaking services, and bookbinding. The support activities included here are an integral part of the printing industry, and a product (a printing plate, a bound book, or a computer disk or file) that is an integral part of the printing industry is almost always provided by these operations.

Processes used in printing include a variety of methods used to transfer an image from a plate, screen, film, or computer file to some medium, such as paper, plastics, metal, textile articles, or wood. The most prominent of these methods is to transfer the image from a plate or screen to the medium (lithographic, gravure, screen, and flexographic printing). A rapidly growing new technology uses a computer file to directly “drive” the printing mechanism to create the image and new electrostatic and other types of equipment (digital or nonimpact printing).

In contrast to many other classification systems that locate publishing of printed materials in manufacturing, NAICS classifies the publishing of printed products in Subsector 511, Publishing Industries (except Internet). Though printing and publishing are often carried out by the same enterprise (a newspaper, for example), it is less and less the case that these distinct activities are carried out in the same establishment. When publishing and printing are done in the same establishment, the establishment is classified in Sector 51, Information, in the appropriate NAICS industry even if the receipts for printing exceed those for publishing.

This subsector includes printing on clothing because the production process for that activity is printing, not clothing manufacturing. For instance, the printing of T-shirts is included in this subsector. In contrast, printing on fabric (or grey goods) is not included. This activity is part of the process of finishing the fabric and is included in the NAICS Textile Mills subsector in Industry 31331, Textile and Fabric Finishing Mills.

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## **3231 PRINTING AND RELATED SUPPORT ACTIVITIES**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Printing on apparel and textile products, paper, metal, glass, plastics, and other materials, except fabric (grey goods) and/or
2. Performing prepress (e.g., platemaking, typesetting) and postpress services (e.g., book binding) in support of printing activities.

### **32311 PRINTING**

This industry comprises establishments primarily engaged in printing on apparel and textile products, paper, metal, glass, plastics, and other materials, except fabric (grey goods). The printing processes employed include, but are not limited to, lithographic, gravure, screen, flexographic, digital, and letterpress. Establishments in this industry do not manufacture the stock that they print but may perform postprinting activities, such as folding, cutting, or laminating the materials they print, and mailing.

#### **323110 COMMERCIAL LITHOGRAPHIC PRINTING**

This U.S. industry comprises establishments primarily engaged in lithographic (i.e., offset) printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in lithographic printing on purchased stock materials, such as stationery, letterhead, invitations, labels, and similar items, on a job order basis.

#### **323111 COMMERCIAL GRAVURE PRINTING**

This U.S. industry comprises establishments primarily engaged in gravure printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in gravure printing on purchased stock materials, such as stationery, letterhead, invitations, labels, and similar items, on a job order basis.

#### **323112 COMMERCIAL FLEXOGRAPHIC PRINTING**

This U.S. industry comprises establishments primarily engaged in flexographic printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in flexographic printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis.

#### **323113 COMMERCIAL SCREEN PRINTING**

This U.S. industry comprises establishments primarily engaged in screen printing without publishing (except books, grey goods, and manifold business forms). This industry includes establishments engaged in screen printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis. Establishments primarily engaged in printing on apparel and textile products, such as T-shirts, caps, jackets, towels, and napkins, are included in this industry.

#### **323114 QUICK PRINTING**

This U.S. industry comprises establishments primarily engaged in traditional printing activities, such as short-run offset printing or prepress services, in combination with providing document photocopying service. Prepress services include receiving documents in electronic format and directly duplicating from the electronic file and formatting, colorizing, and otherwise modifying the original document to improve presentation. These establishments, known as quick printers, generally provide short-run printing and copying with fast turnaround times.

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### **323115 DIGITAL PRINTING**

This U.S. industry comprises establishments primarily engaged in printing graphical materials using digital printing equipment. Establishments known as digital printers typically provide sophisticated prepress services including using scanners to input images and computers to manipulate and format the graphic images prior to printing.

### **323116 MANIFOLD BUSINESS FORMS PRINTING**

This U.S. industry comprises establishments primarily engaged in printing special forms, including checkbooks, for use in the operation of a business. The forms may be in single and multiple sets, including carbonized, interleaved with carbon, or otherwise processed for multiple reproduction.

### **323117 BOOKS PRINTING**

This U.S. industry comprises establishments primarily engaged in printing or printing and binding books and pamphlets without publishing.

### **323118 BLANKBOOK, LOOSELEAF BINDERS, AND DEVICES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing blankbooks, looseleaf devices, and binders. Establishments in this industry may print or print and bind.

### **323119 OTHER COMMERCIAL PRINTING**

This U.S. industry comprises establishments primarily engaged in commercial printing (except lithographic, gravure, screen, or flexographic printing) without publishing (except books, grey goods, and manifold business forms). Printing processes included in this industry are letterpress printing and engraving printing. This industry includes establishments engaged in commercial printing on purchased stock materials, such as stationery, invitations, labels, and similar items, on a job order basis.

### **32312 SUPPORT ACTIVITIES FOR PRINTING**

This industry comprises establishments primarily engaged in performing prepress (e.g., platemaking, typesetting) and postpress services (e.g., book binding) in support of printing activities.

### **323121 TRADEBINDING AND RELATED WORK**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. tradebinding;
2. sample mounting; and
3. postpress services (e.g., book or paper bronzing, die-cutting, edging, embossing, folding, gilding, gluing, indexing).

### **323122 PREPRESS SERVICES**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. prepress services, such as imagesetting or typesetting, for printers and
2. preparing film or plates for printing purposes.

### **324 PETROLEUM AND COAL PRODUCTS MANUFACTURING**

The Petroleum and Coal Products Manufacturing subsector is based on the transformation of crude petroleum and coal into usable products. The dominant process is petroleum refining that involves the separation of crude petroleum into component products through such techniques as cracking and distillation.



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In addition, this subsector includes establishments that primarily further process refined petroleum and coal products and produce products, such as asphalt coatings and petroleum lubricating oils. However, establishments that manufacture petrochemicals from refined petroleum are classified in Industry 32511, Petrochemical Manufacturing.

### **3241 PETROLEUM AND COAL PRODUCTS MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Petroleum refineries manufacturing;
2. Asphalt paving, roofing, and saturated materials manufacturing; and/or
3. Other petroleum and coal products manufacturing.

#### **32411 PETROLEUM REFINERIES**

This industry comprises establishments primarily engaged in refining crude petroleum into refined petroleum. Petroleum refining involves one or more of the following activities:

1. fractionation;
2. straight distillation of crude oil; and
3. cracking.

##### **324110 PETROLEUM REFINERIES**

This U.S. industry comprises establishments primarily engaged in refining crude petroleum into refined petroleum. Petroleum refining involves one or more of the following activities:

1. fractionation;
2. straight distillation of crude oil; and
3. cracking.

#### **32412 ASPHALT PAVING, ROOFING, AND SATURATED MATERIALS MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing asphalt and tar paving mixtures and blocks and roofing cements and coatings from purchased asphaltic materials and/or
2. saturating purchased mats and felts with asphalt or tar from purchased asphaltic materials.

##### **324121 ASPHALT PAVING MIXTURE AND BLOCK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing asphalt and tar paving mixtures and blocks from purchased asphaltic materials.

##### **324122 ASPHALT SHINGLE AND COATING MATERIALS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. saturating purchased mats and felts with asphalt or tar from purchased asphaltic materials and
2. manufacturing asphalt and tar and roofing cements and coatings from purchased asphaltic materials.

#### **32419 OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing petroleum products (except asphalt paving, roofing and saturated materials) from refined petroleum or coal products made in coke ovens not integrated with a steel mill.



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### **324191 PETROLEUM LUBRICATING OIL AND GREASE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in blending or compounding refined petroleum to make lubricating oils and greases and/or re-refining used petroleum lubricating oils.

### **324199 ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing petroleum products (except asphalt paving, roofing, and saturated materials and lubricating oils and greases) from refined petroleum and coal products made in coke ovens not integrated with a steel mill.

### **325 CHEMICAL MANUFACTURING**

The Chemical Manufacturing subsector is based on the transformation of organic and inorganic raw materials by a chemical process and the formulation of products. This subsector distinguishes the production of basic chemicals that comprise the first industry group from the production of intermediate and end products produced by further processing of basic chemicals that make up the remaining industry groups.

This subsector does not include all industries transforming raw materials by a chemical process. It is common for some chemical processing to occur during mining operations. These beneficiating operations, such as copper concentrating, are classified in Sector 21, Mining. Furthermore, the refining of crude petroleum is included in Subsector 324, Petroleum and Coal Products Manufacturing. In addition, the manufacturing of aluminum oxide is included in Subsector 331, Primary Metal Manufacturing; and beverage distilleries are classified in Subsector 312, Beverage and Tobacco Product Manufacturing. As in the case of these two activities, the grouping of industries into subsectors may take into account the association of the activities performed with other activities in the subsector.

### **3251 BASIC CHEMICAL MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing chemicals using basic processes, such as thermal cracking and distillation. Chemicals manufactured in this industry group are usually separate chemical elements or separate chemically-defined compounds.

### **32511 PETROCHEMICAL MANUFACTURING**

This industry comprises establishments primarily engaged in one of the following:

1. manufacturing acyclic (i.e., aliphatic) hydrocarbons such as ethylene, propylene, and butylene made from refined petroleum or liquid hydrocarbon and/or
2. manufacturing cyclic aromatic hydrocarbons such as benzene, toluene, styrene, xylene, ethyl benzene, and cumene made from refined petroleum or liquid hydrocarbons.

### **325110 PETROCHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. manufacturing acyclic (i.e., aliphatic) hydrocarbons such as ethylene, propylene, and butylene made from refined petroleum or liquid hydrocarbon and/or
2. manufacturing cyclic aromatic hydrocarbons such as benzene, toluene, styrene, xylene, ethyl benzene, and cumene made from refined petroleum or liquid hydrocarbons.

### **32512 INDUSTRIAL GAS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing industrial organic and inorganic gases in compressed, liquid, and solid forms.

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### **325120 INDUSTRIAL GAS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing industrial organic and inorganic gases in compressed, liquid, and solid forms.

### **32513 SYNTHETIC DYE AND PIGMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing synthetic organic and inorganic dyes and pigments, such as lakes and toners (except electrostatic and photographic).

### **325131 INORGANIC DYE AND PIGMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing inorganic dyes and pigments.

### **325132 SYNTHETIC ORGANIC DYE AND PIGMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing synthetic organic dyes and pigments, such as lakes and toners (except electrostatic and photographic).

### **32518 OTHER BASIC INORGANIC CHEMICAL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing basic inorganic chemicals (except industrial gases and synthetic dyes and pigments).

### **325181 ALKALIES AND CHLORINE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing chlorine, sodium hydroxide (i.e., caustic soda), and other alkalies often using an electrolysis process.

### **325182 CARBON BLACK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing carbon black, bone black, and lamp black.

### **325188 ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing basic inorganic chemicals (except industrial gases, inorganic dyes and pigments, alkalies and chlorine, and carbon black).

### **32519 OTHER BASIC ORGANIC CHEMICAL MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing basic organic chemicals (except petrochemicals, industrial gases, and synthetic dyes and pigments).

### **325191 GUM AND WOOD CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in (1) distilling wood or gum into products, such as tall oil and wood distillates, and (2) manufacturing wood or gum chemicals, such as naval stores, natural tanning materials, charcoal briquettes, and charcoal (except activated).

### **325192 CYCLIC CRUDE AND INTERMEDIATE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in (1) distilling coal tars and/or (2) manufacturing cyclic crudes or, cyclic intermediates (i.e., hydrocarbons, except aromatic petrochemicals) from refined petroleum or natural gas.

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### **325193 ETHYL ALCOHOL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonpotable ethyl alcohol.

### **325199 ALL OTHER BASIC ORGANIC CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing basic organic chemical products (except aromatic petrochemicals, industrial gases, synthetic organic dyes and pigments, gum and wood chemicals, cyclic crudes and intermediates, and ethyl alcohol).

### **3252 RESIN, SYNTHETIC RUBBER, AND ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Resin and synthetic rubber manufacturing and
2. Artificial and synthetic fibers and filaments manufacturing.

### **32521 RESIN AND SYNTHETIC RUBBER MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing synthetic resins, plastics materials, and nonvulcanizable elastomers and mixing and blending resins on a custom basis;
2. manufacturing noncustomized synthetic resins; and
3. manufacturing synthetic rubber.

### **325211 PLASTICS MATERIAL AND RESIN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in

1. manufacturing resins, plastics materials, and nonvulcanizable thermoplastic elastomers and mixing and blending resins on a custom basis and/or
2. manufacturing noncustomized synthetic resins.

### **325212 SYNTHETIC RUBBER MANUFACTURING**

This U.S. industry consists of establishments primarily engaged in manufacturing synthetic rubber.

### **32522 ARTIFICIAL AND SYNTHETIC FIBERS AND FILAMENTS MANUFACTURING**

This industry comprises establishments primarily engaged in one of the following:

1. manufacturing cellulosic (i.e., rayon and acetate) and noncellulosic (i.e., nylon, polyolefin, and polyester) fibers and filaments in the form of monofilament, filament yarn, staple, or tow or
2. manufacturing and texturing cellulosic and noncellulosic fibers and filaments.

### **325221 CELLULOSIC ORGANIC FIBER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. manufacturing cellulosic (i.e., rayon and acetate) fibers and filaments in the form of monofilament, filament yarn, staple, or tow or
2. manufacturing and texturizing cellulosic fibers and filaments.

### **325222 NONCELLULOSIC ORGANIC FIBER MANUFACTURING**

This U.S. industry consists of establishments primarily engaged in one of the following:

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1. manufacturing noncellulosic (i.e., nylon, polyolefin, and polyester) fibers and filaments in the form of monofilament, filament yarn, staple, or tow, or
  2. manufacturing and texturizing noncellulosic fibers and filaments.

### **3253 PESTICIDE, FERTILIZER, AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING**

This industry group includes establishments classified in one of the following:

1. Fertilizer manufacturing and/or
2. Pesticide and other agricultural chemical manufacturing.

#### **32531 FERTILIZER MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing nitrogenous or phosphatic fertilizer materials;
2. manufacturing fertilizers from sewage or animal waste;
3. manufacturing nitrogenous or phosphatic materials and mixing with other ingredients into fertilizers; and
4. mixing ingredients made elsewhere into fertilizers.

#### **325311 NITROGENOUS FERTILIZER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing nitrogenous fertilizer materials and mixing ingredients into fertilizers;
2. manufacturing fertilizers from sewage or animal waste; and
3. manufacturing nitrogenous materials and mixing them into fertilizers.

#### **325312 PHOSPHATIC FERTILIZER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing phosphatic fertilizer materials or
2. manufacturing phosphatic materials and mixing them into fertilizers.

#### **325314 FERTILIZER (MIXING ONLY) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in mixing ingredients made elsewhere into fertilizers.

#### **32532 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING**

This industry comprises establishments primarily engaged in the formulation and preparation of agricultural and household pest control chemicals (except fertilizers).

#### **325320 PESTICIDE AND OTHER AGRICULTURAL CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in the formulation and preparation of agricultural and household pest control chemicals (except fertilizers).

#### **3254 PHARMACEUTICAL AND MEDICINE MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing biological and medicinal products;
2. Processing (i.e., grading, grinding, and milling) botanical drugs and herbs;

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3. Isolating active medicinal principals from botanical drugs and herbs; and
  4. Manufacturing pharmaceutical products intended for internal and external consumption in such forms as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

### **32541 PHARMACEUTICAL AND MEDICINE MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing biological and medicinal products;
2. processing (i.e., grading, grinding, and milling) botanical drugs and herbs;
3. isolating active medicinal principals from botanical drugs and herbs; and
4. manufacturing pharmaceutical products intended for internal and external consumption in such forms as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

### **325411 MEDICINAL AND BOTANICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. manufacturing uncompounded medicinal chemicals and their derivatives (i.e., generally for use by pharmaceutical preparation manufacturers) and/or
2. grading, grinding, and milling uncompounded botanicals.

### **325412 PHARMACEUTICAL PREPARATION MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing in-vivo diagnostic substances and pharmaceutical preparations (except biological) intended for internal and external consumption in dose forms, such as ampoules, tablets, capsules, vials, ointments, powders, solutions, and suspensions.

### **325413 IN-VITRO DIAGNOSTIC SUBSTANCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing in-vitro (i.e., not taken internally) diagnostic substances, such as chemical, biological, or radioactive substances. The substances are used for diagnostic tests that are performed in test tubes, petri dishes, machines, and other diagnostic test-type devices.

### **325414 BIOLOGICAL PRODUCT (EXCEPT DIAGNOSTIC) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing vaccines, toxoids, blood fractions, and culture media of plant or animal origin (except diagnostic).

### **3255 PAINT, COATING, AND ADHESIVE MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Paint and coating manufacturing and/or
2. Adhesive manufacturing.

### **32551 PAINT AND COATING MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. mixing pigments, solvents, and binders into paints and other coatings, such as stains, varnishes, lacquers, enamels, shellacs, and water repellent coatings for concrete and masonry, and/or

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2. manufacturing allied paint products, such as putties, paint and varnish removers, paint brush cleaners, and frit.

### **325510 PAINT AND COATING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. mixing pigments, solvents, and binders into paints and other coatings, such as stains, varnishes, lacquers, enamels, shellacs, and water repellent coatings for concrete and masonry and/or
2. manufacturing allied paint products, such as putties, paint and varnish removers, paint brush cleaners, and frit.

### **32552 ADHESIVE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing adhesives, glues, and caulking compounds.

### **325520 ADHESIVE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing adhesives, glues, and caulking compounds.

### **3256 SOAP, CLEANING COMPOUND, AND TOILET PREPARATION MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Soap and cleaning compound manufacturing and/or
2. Toilet preparation manufacturing.

### **32561 SOAP AND CLEANING COMPOUND MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and packaging soap and other cleaning compounds, surface active agents, and textile and leather finishing agents used to reduce tension or speed the drying process.

### **325611 SOAP AND OTHER DETERGENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and packaging soaps and other detergents, such as laundry detergents; dishwashing detergents; toothpaste gels and tooth powders; and natural glycerin.

### **325612 POLISH AND OTHER SANITATION GOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and packaging polishes and specialty cleaning preparations.

### **325613 SURFACE ACTIVE AGENT MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in one or more of the following:

1. manufacturing bulk surface active agents for use as wetting agents, emulsifiers, and penetrants, and/or
2. manufacturing textiles and leather finishing agents used to reduce tension or speed the drying process.

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### **32562 TOILET PREPARATION MANUFACTURING**

This industry comprises establishments primarily engaged in preparing, blending, compounding, and packaging toilet preparations, such as perfumes, shaving preparations, hair preparations, face creams, lotions (including sunscreens), and other cosmetic preparations.

### **325620 TOILET PREPARATION MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in preparing, blending, compounding, and packaging toilet preparations, such as perfumes, shaving preparations, hair preparations, face creams, lotions (including sunscreens), and other cosmetic preparations.

### **3259 OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals; resins, synthetic rubber, cellulosic and noncellulosic fibers and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings, and adhesives; soaps and cleaning compounds; and toilet preparations).

### **32591 PRINTING INK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing printing and inkjet inks and inkjet cartridges.

### **325910 PRINTING INK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing printing and inkjet inks and inkjet cartridges.

### **32592 EXPLOSIVES MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing explosives.

### **325920 EXPLOSIVES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing explosives.

### **32599 ALL OTHER CHEMICAL PRODUCT AND PREPARATION MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals, resins, and synthetic rubber; cellulosic and noncellulosic fibers and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings, and adhesives; and soaps, cleaning compounds, and toilet preparations; printing inks; and explosives).

### **325991 CUSTOM COMPOUNDING OF PURCHASED RESINS**

This U.S. industry group comprises establishments primarily engaged in one or more of the following:

1. custom mixing and blending plastics resins made elsewhere or
2. reformulating plastics resins from recycled plastics products.

### **325992 PHOTOGRAPHIC FILM, PAPER, PLATE, AND CHEMICAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing sensitized film, sensitized paper, sensitized cloth, sensitized plates, toners (i.e., for photocopiers, laser printers, and similar electrostatic printing devices), toner cartridges, and photographic chemicals.

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## **325998 ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing chemical products (except basic chemicals, resins, synthetic rubber; cellulosic and noncellulosic fiber and filaments; pesticides, fertilizers, and other agricultural chemicals; pharmaceuticals and medicines; paints, coatings and adhesives; soap, cleaning compounds, and toilet preparations; printing inks; explosives; custom compounding of purchased resins; and photographic films, papers, plates, and chemicals).

## **326 PLASTICS AND RUBBER PRODUCTS MANUFACTURING**

Industries in the Plastics and Rubber Products Manufacturing subsector make goods by processing plastics materials and raw rubber. The core technology employed by establishments in this subsector is that of plastics or rubber product production. Plastics and rubber are combined in the same subsector because plastics are increasingly being used as a substitute for rubber; however the subsector is generally restricted to the production of products made of just one material, either solely plastics or rubber.

Many manufacturing activities use plastics or rubber, for example the manufacture of footwear, or furniture. Typically, the production process of these products involves more than one material. In these cases, technologies that allow disparate materials to be formed and combined are of central importance in describing the manufacturing activity. In NAICS, such activities (the footwear and furniture manufacturing) are not classified in the Plastics and Rubber Products Manufacturing subsector because the core technologies for these activities are diverse and involve multiple materials.

Within the Plastics and Rubber Products Manufacturing subsector, a distinction is made between plastics and rubber products at the industry group level, although it is not a rigid distinction, as can be seen from the definition of Industry 32622, Rubber and Plastics Hoses and Belting Manufacturing. As materials technology progresses, plastics are increasingly being used as a substitute for rubber; and eventually, the distinction may disappear as a basis for establishment classification.

In keeping with the core technology focus of plastics, lamination of plastics film to plastics film as well as the production of bags from plastics only is classified in this subsector. Lamination and bag production involving plastics and materials other than plastics are classified in the NAICS Subsector 322, Paper Manufacturing.

## **3261 PLASTICS PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in processing new or spent (i.e., recycled) plastics resins into intermediate or final products, using such processes as compression molding; extrusion molding; injection molding; blow molding; and casting. Within most of these industries, the production process is such that a wide variety of products can be made.

### **32611 PLASTICS PACKAGING MATERIALS AND UNLAMINATED FILM AND SHEET MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. converting plastics resins into unsupported plastics film and sheet and/or
2. forming, coating or laminating plastics film and sheet into plastics bags.

### **326111 PLASTICS BAG MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. converting plastics resins into plastics bags or



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2. forming, coating, or laminating plastics film and sheet into single wall or multiwall plastics bags.

Establishments in this industry may print on the bags they manufacture.

### **326112 PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting plastics resins into plastics packaging (flexible) film and packaging sheet.

### **326113 UNLAMINATED PLASTICS FILM AND SHEET (EXCEPT PACKAGING) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting plastics resins into plastics film and un laminated sheet (except packaging).

### **32612 PLASTICS PIPE, PIPE FITTING, AND UNLAMINATED PROFILE SHAPE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing plastics pipes and pipe fittings, and plastics profile shapes such as rod, tube, and sausage casings.

### **326121 UNLAMINATED PLASTICS PROFILE SHAPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting plastics resins into nonrigid plastics profile shapes (except film, sheet, and bags), such as rod, tube, and sausage casings.

### **326122 PLASTICS PIPE AND PIPE FITTING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in converting plastics resins into rigid plastics pipes and pipe fittings.

### **32613 LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING**

This industry comprises establishments primarily engaged in laminating plastics profile shapes such as plate, sheet (except packaging), and rod. The lamination process generally involves bonding or impregnating profiles with plastics resins and compressing them under heat.

### **326130 LAMINATED PLASTICS PLATE, SHEET (EXCEPT PACKAGING), AND SHAPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in laminating plastics profile shapes such as plate, sheet (except packaging), and rod. The lamination process generally involves bonding or impregnating profiles with plastics resins and compressing them under heat.

### **32614 POLYSTYRENE FOAM PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing polystyrene foam products.

### **326140 POLYSTYRENE FOAM PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing polystyrene foam products.

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### **32615 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing plastics foam products (except polystyrene).

### **326150 URETHANE AND OTHER FOAM PRODUCT (EXCEPT POLYSTYRENE) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics foam products (except polystyrene).

### **32616 PLASTICS BOTTLE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing plastics bottles.

### **326160 PLASTICS BOTTLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics bottles.

### **32619 OTHER PLASTICS PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing resilient floor covering and other plastics products (except film, sheet, bags, profile shapes, pipes, pipe fittings, laminates, foam products, and bottles).

### **326191 PLASTICS PLUMBING FIXTURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics or fiberglass plumbing fixtures. Examples of products made by these establishments are plastics or fiberglass bathtubs, hot tubs, portable toilets, and shower stalls.

### **326192 RESILIENT FLOOR COVERING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing resilient floor coverings for permanent installation.

### **326199 ALL OTHER PLASTICS PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics products (except film, sheet, bags, profile shapes, pipes, pipe fittings, laminates, foam products, bottles, plumbing fixtures, and resilient floor coverings).

### **3262 RUBBER PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in processing natural, and synthetic or reclaimed rubber materials into intermediate or final products using processes such as vulcanizing, cementing, molding, extruding, and lathe-cutting.

### **32621 TIRE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber and retreading or rebuilding tires.

### **326211 TIRE MANUFACTURING (EXCEPT RETREADING)**

This U.S. industry comprises establishments primarily engaged in manufacturing tires and inner tubes from natural and synthetic rubber.

### **326212 TIRE RETREADING**

This U.S. industry comprises establishments primarily engaged in retreading or rebuilding tires.

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### **32622 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

### **326220 RUBBER AND PLASTICS HOSES AND BELTING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing rubber hose and/or plastics (reinforced) hose and belting from natural and synthetic rubber and/or plastics resins. Establishments manufacturing garden hoses from purchased hose are included in this industry.

### **32629 OTHER RUBBER PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing rubber products (except tires, hoses, and belting) from natural and synthetic rubber.

### **326291 RUBBER PRODUCT MANUFACTURING FOR MECHANICAL USE**

This U.S. industry comprises establishments primarily engaged in molding, extruding, or lathe-cutting rubber to manufacture rubber goods (except tubing) for mechanical applications. Products of this industry are generally parts for motor vehicles, machinery, and equipment.

### **326299 ALL OTHER RUBBER PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing rubber products (except tires; hoses and belting; and molded, extruded, and lathe-cut rubber goods for mechanical applications) from natural and synthetic rubber.

### **327 NONMETALLIC MINERAL PRODUCT MANUFACTURING**

The Nonmetallic Mineral Product Manufacturing subsector transforms mined or quarried nonmetallic minerals, such as sand, gravel, stone, clay, and refractory materials, into products for intermediate or final consumption. Processes used include grinding, mixing, cutting, shaping, and honing. Heat often is used in the process and chemicals are frequently mixed to change the composition, purity, and chemical properties for the intended product. For example, glass is produced by heating silica sand to the melting point (sometimes combined with cullet or recycled glass) and then drawn, floated, or blow molded to the desired shape or thickness. Refractory materials are heated and then formed into bricks or other shapes for use in industrial applications. The Nonmetallic Mineral Product Manufacturing subsector includes establishments that manufacture products, such as bricks, refractories, ceramic products, and glass and glass products, such as plate glass and containers. Also included are cement and concrete products, lime, gypsum and other nonmetallic mineral products including abrasive products, ceramic plumbing fixtures, statuary, cut stone products, and mineral wool. The products are used in a wide range of activities from construction and heavy and light manufacturing to articles for personal use.

Mining, beneficiating, and manufacturing activities often occur in a single location. Separate receipts will be collected for these activities whenever possible. When receipts cannot be broken out between mining and manufacturing, establishments that mine or quarry nonmetallic minerals, beneficiate the nonmetallic minerals and further process the nonmetallic minerals into a more finished manufactured product are classified based on the primary activity of the establishment. A mine that manufactures a small amount of finished products will be classified in Sector 21, Mining. An establishment that mines whose primary output is a more-finished manufactured product will be classified in the Manufacturing Sector.

Excluded from the Nonmetallic Mineral Product Manufacturing subsector are establishments that primarily beneficiate mined nonmetallic minerals. Beneficiation is the process whereby the extracted material is reduced to particles that can be separated into mineral and waste, the former suitable for further processing or direct use. Beneficiation establishments are included in Sector 21, Mining.

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## **3271 CLAY PRODUCT AND REFRACTORY MANUFACTURING**

This industry group comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials and/or shaping, molding, baking, burning, or hardening clay refractories, non-clay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

### **32711 POTTERY, CERAMICS, AND PLUMBING FIXTURE MANUFACTURING**

This industry comprises establishments primarily engaged in shaping, molding, glazing, and firing pottery, ceramics, and plumbing fixtures made entirely or partly of clay or other ceramic materials.

#### **327111 VITREOUS CHINA PLUMBING FIXTURE AND CHINA AND EARTHENWARE BATHROOM ACCESSORIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing vitreous china plumbing fixtures and china and earthenware bathroom accessories, such as faucet handles, towel bars, and soap dishes.

#### **327112 VITREOUS CHINA, FINE EARTHENWARE, AND OTHER POTTERY PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing table and kitchen articles, art and ornamental items, and similar vitreous china, fine earthenware, stoneware, coarse earthenware, and pottery products.

#### **327113 PORCELAIN ELECTRICAL SUPPLY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing porcelain electrical insulators, molded porcelain parts for electrical devices, ferrite or ceramic magnets, and electronic and electrical supplies from nonmetallic minerals, such as clay and ceramic materials.

### **32712 CLAY BUILDING MATERIAL AND REFRACTORIES MANUFACTURING**

This industry comprises establishments primarily engaged in shaping, molding, baking, burning, or hardening clay refractories, nonclay refractories, ceramic tile, structural clay tile, brick, and other structural clay building materials.

#### **327121 BRICK AND STRUCTURAL CLAY TILE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing brick and structural clay tiles.

#### **327122 CERAMIC WALL AND FLOOR TILE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ceramic wall and floor tiles.

#### **327123 OTHER STRUCTURAL CLAY PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing clay sewer pipe, drain tile, flue lining tile, architectural terra-cotta, and other structural clay products.

#### **327124 CLAY REFRACTORY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing clay refractory, mortar, brick, block, tile, and fabricated clay refractories, such as melting pots. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

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### **327125 NONCLAY REFRACTORY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonclay refractory, mortar, brick, block, tile, and fabricated nonclay refractories such as graphite, magnesite, silica, or alumina crucibles. A refractory is a material that will retain its shape and chemical identity when subjected to high temperatures and is used in applications that require extreme resistance to heat, such as furnace linings.

### **3272 GLASS AND GLASS PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

### **32721 GLASS AND GLASS PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing glass and/or glass products. Establishments in this industry may manufacture glass and/or glass products by melting silica sand or cullet, or purchasing glass.

### **327211 FLAT GLASS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing flat glass by melting silica sand or cullet; or
2. manufacturing both flat glass and laminated glass by melting silica sand or cullet.

### **327212 OTHER PRESSED AND BLOWN GLASS AND GLASSWARE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing glass by melting silica sand or cullet and making pressed, blown, or shaped glass or glassware (except glass packaging containers).

### **327213 GLASS CONTAINER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing glass packaging containers.

### **327215 GLASS PRODUCT MANUFACTURING MADE OF PURCHASED GLASS**

This U.S. industry comprises establishments primarily engaged in coating, laminating, tempering, or shaping purchased glass.

### **3273 CEMENT AND CONCRETE PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Cement manufacturing;
2. Ready-mix concrete manufacturing;
3. Concrete pipe, brick, and block manufacturing; and/or
4. Other concrete product manufacturing.

### **32731 CEMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

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### **327310 CEMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing portland, natural, masonry, pozzalanic, and other hydraulic cements. Cement manufacturing establishments may calcine earths or mine, quarry, manufacture, or purchase lime.

### **32732 READY-MIX CONCRETE MANUFACTURING**

This industry comprises establishments, such as batch plants or mix plants, primarily engaged in manufacturing concrete delivered to a purchaser in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

### **327320 READY-MIX CONCRETE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing concrete delivered to a purchaser, such as batch plants or mix plants, in a plastic and unhardened state. Ready-mix concrete manufacturing establishments may mine, quarry, or purchase sand and gravel.

### **32733 CONCRETE PIPE, BRICK, AND BLOCK MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing concrete pipe, brick, and block.

### **327331 CONCRETE BLOCK AND BRICK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing concrete block and brick.

### **327332 CONCRETE PIPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing concrete pipe.

### **32739 OTHER CONCRETE PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

### **327390 OTHER CONCRETE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing concrete products (except block, brick, and pipe).

### **3274 LIME AND GYPSUM PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells and/or gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work.

### **32741 LIME MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

### **327410 LIME MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing lime from calcitic limestone, dolomitic limestone, or other calcareous materials, such as coral, chalk, and shells. Lime manufacturing establishments may mine, quarry, collect, or purchase the sources of calcium carbonate.

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### **32742 GYPSUM PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

### **327420 GYPSUM PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing gypsum products such as wallboard, plaster, plasterboard, molding, ornamental moldings, statuary, and architectural plaster work. Gypsum product manufacturing establishments may mine, quarry, or purchase gypsum.

### **3279 OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except clay products, refractory products, glass products, cement and concrete products, lime, and gypsum products).

### **32791 ABRASIVE PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

### **327910 ABRASIVE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing abrasive grinding wheels of natural or synthetic materials, abrasive-coated products, and other abrasive products.

### **32799 ALL OTHER NONMETALLIC MINERAL PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; and abrasive products).

### **327991 CUT STONE AND STONE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in cutting, shaping, and finishing granite, marble, limestone, slate, and other stone for building and miscellaneous uses. Stone product manufacturing establishments may mine, quarry, or purchase stone.

### **327992 GROUND OR TREATED MINERAL AND EARTH MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in calcining, dead burning, or otherwise processing beyond beneficiation, clays, ceramic and refractory minerals, barite, and miscellaneous nonmetallic minerals.

### **327993 MINERAL WOOL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing mineral wool and mineral wool (i.e., fiberglass) insulation products made of such siliceous materials as rock, slag, and glass or combinations thereof.

### **327999 ALL OTHER MISCELLANEOUS NONMETALLIC MINERAL PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonmetallic mineral products (except pottery, ceramics, and plumbing fixtures; clay building materials and refractories; glass and glass products; cement; ready-mix concrete; concrete products; lime; gypsum products; abrasive products; cut stone and stone products; ground and treated minerals and earth; and mineral wool).

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### **331 PRIMARY METAL MANUFACTURING**

Industries in the Primary Metal Manufacturing subsector smelt and/or refine ferrous and nonferrous metals from ore, pig or scrap, using electrometallurgical and other process metallurgical techniques. Establishments in this subsector also manufacture metal alloys and superalloys by introducing other chemical elements to pure metals. The output of smelting and refining, usually in ingot form, is used in rolling, drawing, and extruding operations to make sheet, strip, bar, rod, or wire, and in molten form to make castings and other basic metal products.

Primary manufacturing of ferrous and nonferrous metals begins with ore or concentrate as the primary input. Establishments manufacturing primary metals from ore and/or concentrate remain classified in the primary smelting, primary refining, or iron and steel mill industries regardless of the form of their output. Establishments primarily engaged in secondary smelting and/or secondary refining recover ferrous and nonferrous metals from scrap and/or dross. The output of the secondary smelting and/or secondary refining industries is limited to shapes, such as ingot or billet, that will be further processed. Recovery of metals from scrap often occurs in establishments that are primarily engaged in activities, such as rolling, drawing, extruding, or similar processes.

Excluded from the Primary Metal Manufacturing subsector are establishments primarily engaged in manufacturing ferrous and nonferrous forgings (except ferrous forgings made in steel mills) and stampings. Although forging, stamping, and casting are all methods used to make metal shapes, forging and stamping do not use molten metals and are included in Subsector 332, Fabricated Metal Product Manufacturing. Establishments primarily engaged in operating coke ovens are classified in Industry 32419, Other Petroleum and Coal Products Manufacturing.

#### **3311 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Direct reduction of iron ore;
2. Manufacturing pig iron in molten or solid form;
3. Converting pig iron into steel;
4. Manufacturing ferroalloys;
5. Making steel;
6. Making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. Making steel and forming pipe and tube.

#### **33111 IRON AND STEEL MILLS AND FERROALLOY MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. direct reduction of iron ore;
2. manufacturing pig iron in molten or solid form;
3. converting pig iron into steel;
4. manufacturing ferroalloys;
5. making steel;
6. making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, and wire); and
7. making steel and forming pipe and tube.

#### **331111 IRON AND STEEL MILLS**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. direct reduction of iron ore;



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2. manufacturing pig iron in molten or solid form;
  3. converting pig iron into steel;
  4. making steel;
  5. making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); and
  6. making steel and forming tube and pipe.

### **331112 ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

### **3312 STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL**

This industry group comprises establishments primarily engaged in manufacturing iron and steel tube and pipe; drawing steel wire; and rolling or drawing shapes from purchased iron or steel.

#### **33121 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL**

This industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel.

#### **331210 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL**

This U.S. industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel.

#### **33122 ROLLING AND DRAWING OF PURCHASED STEEL**

This industry comprises establishments primarily engaged in rolling and/or drawing steel shapes, such as plate, sheet, strip, rod, and bar, from purchased steel.

##### **331221 ROLLED STEEL SHAPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in rolling or drawing shapes (except wire), such as plate, sheet, strip, rod, and bar, from purchased steel.

##### **331222 STEEL WIRE DRAWING**

This U.S. industry comprises establishments primarily engaged in drawing wire from purchased steel.

### **3313 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Refining alumina;
2. Making (i.e., the primary production) aluminum from alumina;
3. Recovering aluminum from scrap or dross;
4. Alloying purchased aluminum; and
5. Manufacturing aluminum primary forms (e.g., bar, foil, pipe, plate, rod, sheet, tube, and wire).

#### **33131 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING**

This industry comprises establishments primarily engaged in one or more of the following:

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1. refining alumina;
  2. making (i.e., the primary production) aluminum from alumina;
  3. recovering aluminum from scrap or dross;
  4. alloying purchased aluminum; and
  5. manufacturing aluminum primary forms (e.g., bar, foil, pipe, plate, rod, sheet, tube, and wire).

### **331311 ALUMINA REFINING**

This U.S. industry comprises establishments primarily engaged in refining alumina (i.e., aluminum oxide) generally from bauxite.

### **331312 PRIMARY ALUMINUM PRODUCTION**

This U.S. industry comprises establishments primarily engaged in:

1. making aluminum from alumina and/or
2. making aluminum from alumina and rolling, drawing, extruding, or casting the aluminum they make into primary forms (e.g., bar, billet, ingot, plate, rod, sheet, and strip).

Establishments in this industry may make primary aluminum or aluminum-based alloys from alumina.

### **331314 SECONDARY SMELTING AND ALLOYING OF ALUMINUM**

This U.S. industry comprises establishments primarily engaged in:

1. recovering aluminum and aluminum alloys from scrap and/or dross (i.e., secondary smelting) and making billet or ingot (except by rolling) and/or
2. manufacturing alloys, powder, paste, or flake from purchased aluminum.

### **331315 ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. flat rolling or continuous casting sheet, plate, foil, and welded tube from purchased aluminum and/or
2. recovering aluminum from scrap and flat rolling or continuous casting sheet, plate, foil, and welded tube in integrated mills.

### **331316 ALUMINUM EXTRUDED PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. extruding aluminum bar, pipe, and tube blooms or extruding or drawing tube from purchased aluminum and/or
2. recovering aluminum from scrap and extruding bar, pipe, and tube blooms or drawing tube in integrated mills.

### **331319 OTHER ALUMINUM ROLLING AND DRAWING**

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, or extruding shapes (except flat rolled sheet, plate, foil, and welded tube; extruded rod, bar, pipe, and tube blooms; and drawn or extruded tube) from purchased aluminum and/or
2. recovering aluminum from scrap and rolling, drawing or extruding shapes (except flat rolled sheet, plate, foil, and welded tube; extruded rod, bar, pipe, and tube blooms; and drawn or extruded tube) in integrated mills.

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### **3314 NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING**

This industry group comprises establishments primarily engaged in one of the following:

1. Nonferrous metal (except aluminum) smelting and refining;
2. Copper rolling, drawing, extruding, and alloying; and/or
3. Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying.

#### **33141 NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING**

This industry comprises establishments primarily engaged in:

1. smelting ores into nonferrous metals and/or
2. the primary refining of nonferrous metals (except aluminum) using electrolytic or other processes.

##### **331411 PRIMARY SMELTING AND REFINING OF COPPER**

This U.S. industry comprises establishments primarily engaged in one of the following:

1. smelting copper ore and/or
2. the primary refining of copper by electrolytic methods or other processes.

Establishments in this industry make primary copper and copper-based alloys, such as brass and bronze, from ore or concentrates.

##### **331419 PRIMARY SMELTING AND REFINING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)**

This U.S. industry comprises establishments primarily engaged in:

1. making (primary production) nonferrous metals by smelting ore and/or
2. the primary refining of nonferrous metals by electrolytic methods or other processes.

#### **33142 COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING**

This industry comprises establishments primarily engaged in one or more of the following:

1. recovering copper or copper alloys from scraps;
2. alloying purchased copper;
3. rolling, drawing, or extruding shapes, (e.g., bar, plate, sheet, strip, tube, wire) from purchased copper; and
4. recovering copper or copper alloys from scrap and rolling drawing, or extruding shapes (e.g., bar, plate, sheet, strip, tube, wire).

##### **331421 COPPER ROLLING, DRAWING, AND EXTRUDING**

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire)) from purchased copper and/or
2. recovering copper from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire) in integrated mills.

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### **331422 COPPER WIRE (EXCEPT MECHANICAL) DRAWING**

This U.S. industry comprises establishments primarily engaged in drawing or drawing and insulating communication and energy wire and cable from purchased copper or in integrated secondary smelting and wire drawing plants.

### **331423 SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER**

This U.S. industry comprises establishments primarily engaged in:

1. recovering copper and copper alloys from scrap and/or
2. alloying purchased copper.

Establishments in this industry make primary forms, such as ingot, wire bar, cake, and slab from copper or copper alloys, such as brass and bronze.

### **33149 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, EXTRUDING, AND ALLOYING**

This industry comprises establishments primarily engaged in one or more of the following:

1. recovering nonferrous metals (except copper and aluminum) and nonferrous metal alloys from scrap;
2. alloying purchased nonferrous metals (except copper and aluminum);
3. rolling, drawing, and extruding shapes from purchased nonferrous metals (except copper and aluminum); and
4. recovering nonferrous metals from scrap (except copper and aluminum) and rolling, drawing, or extruding shapes in integrated facilities.

### **331491 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING**

This U.S. industry comprises establishments primarily engaged in:

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) from purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) in integrated mills.

### **331492 SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)**

This U.S. industry comprises establishments primarily engaged in:

1. alloying purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap.

Establishments in this industry make primary forms (e.g., bar, billet, bloom, cake, ingot, slab, slug, and wire) using smelting or refining processes.

### **3315 FOUNDRIES**

This industry group comprises establishments primarily engaged in pouring molten metal into molds or dies to form castings. Establishments making castings and further manufacturing, such as machining or assembling, a specific manufactured product are classified in the industry of the finished product. Foundries may perform operations, such as cleaning and deburring, on the castings they manufacture. More involved processes, such as tapping, threading, milling, or machining to tight tolerances, that transform castings into more finished products are classified elsewhere in the manufacturing sector based on the product being made.

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Establishments in this industry group make castings from purchased metals or in integrated secondary smelting and casting facilities. When the production of primary metals is combined with making castings, the establishment is classified in 331 with the primary metal being made.

### **33151 FERROUS METAL FOUNDRIES**

This industry comprises establishments primarily engaged in pouring molten iron and steel into molds of a desired shape to make castings. Establishments in this industry purchase iron and steel made in other establishments.

#### **331511 IRON FOUNDRIES**

This U.S. industry comprises establishments primarily engaged in pouring molten pig iron or iron alloys into molds to manufacture castings (e.g., cast iron manhole covers, cast iron pipe, cast iron skillets). Establishments in this industry purchase iron made in other establishments.

#### **331512 STEEL INVESTMENT FOUNDRIES**

This U.S. industry comprises establishments primarily engaged in manufacturing steel investment castings. Investment molds are formed by covering a wax shape with a refractory slurry. After the refractory slurry hardens, the wax is melted, leaving a seamless mold. Investment molds provide highly detailed, consistent castings. Establishments in this industry purchase steel made in other establishments.

#### **331513 STEEL FOUNDRIES (EXCEPT INVESTMENT)**

This U.S. industry comprises establishments primarily engaged in manufacturing steel castings (except steel investment castings). Establishments in this industry purchase steel made in other establishments.

#### **33152 NONFERROUS METAL FOUNDRIES**

This industry comprises establishments primarily engaged in pouring and/or introducing molten nonferrous metal, under high pressure, into metal molds or dies to manufacture castings. Establishments in this industry purchase nonferrous metals made in other establishments.

#### **331521 ALUMINUM DIE-CASTING FOUNDRIES**

This U.S. industry comprises establishments primarily engaged in introducing molten aluminum, under high pressure, into molds or dies to make aluminum die-castings. Establishments in this industry purchase aluminum made in other establishments.

#### **331522 NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES**

This U.S. industry comprises establishments primarily engaged in introducing molten nonferrous metal (except aluminum), under high pressure, into molds to make nonferrous metal die-castings. Establishments in this industry purchase nonferrous metals made in other establishments.

#### **331524 ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)**

This U.S. industry comprises establishments primarily engaged in pouring molten aluminum into molds to manufacture aluminum castings. Establishments in this industry purchase aluminum made in other establishments.

#### **331525 COPPER FOUNDRIES (EXCEPT DIE-CASTING)**

This U.S. industry comprises establishments primarily engaged in pouring molten copper into molds to manufacture copper castings. Establishments in this industry purchase copper made in other establishments.

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### **331528 OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)**

This U.S. industry comprises establishments primarily engaged in pouring molten nonferrous metals (except aluminum and copper) into molds to manufacture nonferrous castings (except aluminum die-castings, nonferrous (except aluminum) die-castings, aluminum castings, and copper castings). Establishments in this industry purchase nonferrous metals, such as nickel, lead, and zinc, made in other establishments.

### **332 FABRICATED METAL PRODUCT MANUFACTURING**

Industries in the Fabricated Metal Product Manufacturing subsector transform metal into intermediate or end products, other than machinery, computers and electronics, and metal furniture or treating metals and metal formed products fabricated elsewhere. Important fabricated metal processes are forging, stamping, bending, forming, and machining, used to shape individual pieces of metal; and other processes, such as welding and assembling, used to join separate parts together. Establishments in this subsector may use one of these processes or a combination of these processes.

The NAICS structure for this subsector distinguishes the forging and stamping processes in a single industry. The remaining industries, in the subsector, group establishments based on similar combinations of processes used to make products.

The manufacturing performed in the Fabricated Metal Product Manufacturing subsector begins with manufactured metal shapes. The establishments in this sector further fabricate the purchased metal shapes into a product. For instance, the Spring and Wire Product Manufacturing industry starts with wire and fabricates such items.

Within manufacturing there are other establishments that make the same products made by this subsector; only these establishments begin production further back in the production process. These establishments have a more integrated operation. For instance, one establishment may manufacture steel, draw it into wire, and make wire products in the same establishment. Such operations are classified in the Primary Metal Manufacturing subsector.

### **3321 FORGING AND STAMPING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing forgings from purchased metals;
2. Manufacturing metal custom roll forming products;
3. Manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. Manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

### **33211 FORGING AND STAMPING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing forgings from purchased metals;
2. manufacturing metal custom roll forming products;
3. manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. manufacturing powder metallurgy products.

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Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

### **332111 IRON AND STEEL FORGING**

This U.S. industry comprises establishments primarily engaged in manufacturing iron and steel forgings from purchased iron and steel by hammering mill shapes. Establishments making iron and steel forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Iron and steel forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

### **332112 NONFERROUS FORGING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonferrous forgings from purchased nonferrous metals by hammering mill shapes. Establishments making nonferrous forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Nonferrous forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

### **332114 CUSTOM ROLL FORMING**

This U.S. industry comprises establishments primarily engaged in custom roll forming metal products by use of rotary motion of rolls with various contours to bend or shape the products.

### **332115 CROWN AND CLOSURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in stamping metal crowns and closures, such as bottle caps and home canning lids and rings.

### **332116 METAL STAMPING**

This U.S. industry comprises establishments primarily engaged in manufacturing unfinished metal stampings and spinning unfinished metal products (except crowns, cans, closures, automotive, and coins). Establishments making metal stampings and metal spun products and further manufacturing (e.g., machining, assembling) a specific product are classified in the industry of the finished product. Metal stamping and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

### **332117 POWDER METALLURGY PART MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing powder metallurgy products by compacting them in a shaped die and sintering. Establishments in this industry generally make a wide range of parts on a job or order basis.

### **3322 CUTLERY AND HANDTOOL MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing nonprecious and precious plated metal cutlery and flatware;
2. Manufacturing nonpowered hand and edge tools;
3. Manufacturing nonpowered handsaws;
4. Manufacturing saw blades, all types (including those for sawing machines); and

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5. Manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

### **33221 CUTLERY AND HANDTOOL MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing nonprecious and precious plated metal cutlery and flatware;
2. manufacturing nonpowered hand and edge tools;
3. manufacturing nonpowered handsaws;
4. manufacturing saw blades, all types (including those for sawing machines); and
5. manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

### **332211 CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonprecious and precious plated metal cutlery and flatware.

### **332212 HAND AND EDGE TOOL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonpowered hand and edge tools (except saws).

### **332213 SAW BLADE AND HANDSAW MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing nonpowered handsaws and/or
2. manufacturing saw blades, all types (including those for power sawing machines).

### **332214 KITCHEN UTENSIL, POT, AND PAN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal kitchen utensils (except cutting-type), pots, and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

### **3323 ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing one or more of the following:

1. Plate work and fabricated structural product manufacturing and
2. Ornamental and architectural metal products manufacturing.

### **33231 PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing one or more of the following:

1. prefabricated metal buildings, panels and sections;
2. structural metal products; and
3. metal plate work products.

### **332311 PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing prefabricated metal buildings, panels, and sections.



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### **332312 FABRICATED STRUCTURAL METAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in fabricating structural metal products, such as concrete reinforcing bars and fabricated bar joists.

### **332313 PLATE WORK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal plate work by cutting, punching, bending, shaping, and welding purchased metal plate.

### **33232 ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing one or more of the following:

1. metal framed windows (i.e., typically using purchased glass) and metal doors;
2. sheet metal work; and
3. ornamental and architectural metal products.

### **332321 METAL WINDOW AND DOOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal framed windows (typically using purchased glass) and metal doors. Examples of products made by these establishments are: metal door frames; metal framed window and door screens; and metal molding and trim (except automotive).

### **332322 SHEET METAL WORK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing sheet metal work (except stampings).

### **332323 ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ornamental and architectural metal work, such as staircases, metal open steel flooring, fire escapes, railings, and scaffolding.

### **3324 BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Power boiler and heat exchanger manufacturing;
2. Metal tank (heavy gauge) manufacturing; and
3. Metal can, box, and other metal container (light gauge) manufacturing.

### **33241 POWER BOILER AND HEAT EXCHANGER MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

### **332410 POWER BOILER AND HEAT EXCHANGER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

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### **33242 METAL TANK (HEAVY GAUGE) MANUFACTURING**

This industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

### **332420 METAL TANK (HEAVY GAUGE) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

### **33243 METAL CAN, BOX, AND OTHER METAL CONTAINER (LIGHT GAUGE) MANUFACTURING**

This industry comprises establishments primarily engaged in forming light gauge metal containers.

### **332431 METAL CAN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal cans, lids, and ends.

### **332439 OTHER METAL CONTAINER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal (light gauge) containers (except cans).

### **3325 HARDWARE MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

### **33251 HARDWARE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

### **332510 HARDWARE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

### **3326 SPRING AND WIRE PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. Manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

### **33261 SPRING AND WIRE PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in:

1. manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

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### **332611 SPRING (HEAVY GAUGE) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing heavy gauge springs by forming, such as cutting, bending, and heat winding, rod or strip stock.

### **332612 SPRING (LIGHT GAUGE) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing light gauge springs from purchased wire or strip.

### **332618 OTHER FABRICATED WIRE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated wire products (except springs) made from purchased wire.

### **3327 MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Machine shops and/or
2. Turned product and screw, nut, and bolt manufacturing.

#### **33271 MACHINE SHOPS**

This industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

##### **332710 MACHINE SHOPS**

This U.S. industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

##### **33272 TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING**

This industry comprises establishments primarily engaged in:

1. machining precision turned products or
2. manufacturing metal bolts, nuts, screws, rivets, and other industrial fasteners.

Included in this industry are establishments primarily engaged in manufacturing parts for machinery and equipment on a customized basis.

##### **332721 PRECISION TURNED PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in machining precision products of all materials on a job or order basis (known as precision turned manufacturers). Generally precision turned product jobs are large volume using machines, such as automatic screw machines, rotary transfer machines, computer numerically controlled (CNC) lathes, or turning centers.

##### **332722 BOLT, NUT, SCREW, RIVET, AND WASHER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal bolts, nuts, screws, rivets, washers, and other industrial fasteners using machines, such as headers, threaders, and nut forming machines.

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### **3328 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Heat treating metals and metal products;
2. Enameling, lacquering, and varnishing metals and metal products;
3. Hot dip galvanizing metals and metal products;
4. Engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. Powder coating metals and metal products;
6. Electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. Providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

### **33281 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES**

This industry comprises establishments primarily engaged in one or more of the following:

1. heat treating metals and metal products;
2. enameling, lacquering, and varnishing metals and metal products;
3. hot dip galvanizing metals and metal products;
4. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. powder coating metals and metal products;
6. electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

### **332811 METAL HEAT TREATING**

This U.S. industry comprises establishments primarily engaged in heat treating, such as annealing, tempering, and brazing metals and metal products for the trade.

### **332812 METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. enameling, lacquering, and varnishing metals and metal products;
2. hot dip galvanizing metals and metal products;
3. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
4. powder coating metals and metal products; and
5. providing other metal surfacing services for the trade.

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### **332813 ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING**

This U.S. industry comprises establishments primarily engaged in electroplating, plating, anodizing, coloring, buffing, polishing, cleaning, and sandblasting metals and metal products for the trade.

### **3329 OTHER FABRICATED METAL PRODUCT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, and nuts and bolts).

### **33291 METAL VALVE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing one or more of the following metal valves:

1. industrial valves;
2. fluid power valves and hose fittings;
3. plumbing fixture fittings and trim; and
4. other metal valves and pipe fittings.

### **332911 INDUSTRIAL VALVE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing industrial valves and valves for water works and municipal water systems.

### **332912 FLUID POWER VALVE AND HOSE FITTING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power valves and hose fittings.

### **332913 PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal and plastics plumbing fixture fittings and trim, such as faucets, flush valves, and shower heads.

### **332919 OTHER METAL VALVE AND PIPE FITTING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal valves (except industrial valves, fluid power valves, fluid power hose fittings, and plumbing fixture fittings and trim).

### **33299 ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metal products, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, and metal valves).

### **332991 BALL AND ROLLER BEARING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ball and roller bearings of all materials.

### **332992 SMALL ARMS AMMUNITION MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing small arms ammunition.

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### **332993 AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ammunition (except small arms). Examples of products made by these establishments are bombs, depth charges, rockets (except guided missiles), grenades, mines, and torpedoes.

### **332994 SMALL ARMS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing small firearms that are carried and fired by the individual.

### **332995 OTHER ORDNANCE AND ACCESSORIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ordnance (except small arms) and accessories.

### **332996 FABRICATED PIPE AND PIPE FITTING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in fabricating, such as cutting, threading, and bending metal pipes and pipe fittings made from purchased metal pipe.

### **332997 INDUSTRIAL PATTERN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing industrial patterns.

### **332998 ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing enameled iron and metal sanitary ware.

### **332999 ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, metal valves, ball and roller bearings, ammunition, small arms and other ordnances, fabricated pipes and pipe fittings, industrial patterns, and enameled iron and metal sanitary ware).

## **333 MACHINERY MANUFACTURING**

Industries in the Machinery Manufacturing subsector create end products that apply mechanical force, for example, the application of gears and levers, to perform work. Some important processes for the manufacture of machinery are forging, stamping, bending, forming, and machining that are used to shape individual pieces of metal. Processes, such as welding and assembling are used to join separate parts together. Although these processes are similar to those used in metal fabricating establishments, machinery manufacturing is different because it typically employs multiple metal forming processes in manufacturing the various parts of the machine. Moreover, complex assembly operations are an inherent part of the production process.

In general, design considerations are very important in machinery production. Establishments specialize in making machinery designed for particular applications. Thus, design is considered to be part of the production process for the purpose of implementing NAICS. The NAICS structure reflects this by defining industries and industry groups that make machinery for different applications. A broad distinction exists between machinery that is generally used in a variety of industrial applications (i.e., general purpose machinery) and machinery that is designed to be used in a particular industry (i.e., special purpose machinery). Three industry groups consist of special purpose machinery--Agricultural, Construction, and Mining Machinery Manufacturing; Industrial Machinery

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Manufacturing; and Commercial and Service Industry Machinery Manufacturing. The other industry groups make general-purpose machinery: Ventilation, Heating, Air Conditioning, and Commercial Refrigeration Equipment Manufacturing; Metalworking Machinery Manufacturing; Engine, Turbine, and Power Transmission Equipment Manufacturing; and Other General Purpose Machinery Manufacturing.

### **3331 AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Agricultural implement manufacturing;
2. Construction machinery manufacturing; and
3. Mining and oil and gas field machinery manufacturing.

#### **33311 AGRICULTURAL IMPLEMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing farm machinery and equipment, powered mowing equipment, and other powered home lawn and garden equipment.

##### **333111 FARM MACHINERY AND EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing agricultural and farm machinery and equipment and other turf and grounds care equipment, including planting, harvesting, and grass mowing equipment (except lawn and garden-type).

##### **333112 LAWN AND GARDEN TRACTOR AND HOME LAWN AND GARDEN EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing powered lawnmowers, lawn and garden tractors, and other home lawn and garden equipment, such as tillers, shredders, and yard vacuums and blowers.

#### **33312 CONSTRUCTION MACHINERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

##### **333120 CONSTRUCTION MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

#### **33313 MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing oil and gas field and underground mining machinery and equipment.

##### **333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing underground mining machinery and equipment, such as coal breakers, mining cars, core drills, coal cutters, and rock drills and
2. manufacturing mineral beneficiating machinery and equipment used in surface or underground mines.

##### **333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

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1. manufacturing oil and gas field machinery and equipment, such as oil and gas field drilling machinery and equipment; oil and gas field production machinery and equipment; and oil and gas field derricks; and
  2. manufacturing water well drilling machinery.

### **3332 INDUSTRIAL MACHINERY MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Sawmill and woodworking machinery manufacturing;
2. Plastics and rubber industry machinery manufacturing; and
3. Other industrial machinery manufacturing.

#### **33321 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing sawmill and wood-working machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

##### **333210 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing sawmill and woodworking machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

#### **33322 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

##### **333220 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

#### **33329 OTHER INDUSTRIAL MACHINERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction, mining, sawmill and woodworking, and plastics and rubber products making machinery).

##### **333291 PAPER INDUSTRY MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing paper industry machinery for making paper and paper products, such as pulp making machinery, paper and paperboard making machinery, and paper and paperboard converting machinery.

##### **333292 TEXTILE MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing textile machinery for making thread, yarn, and fiber.

##### **333293 PRINTING MACHINERY AND EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing printing and bookbinding machinery and equipment, such as printing presses, typesetting machinery, and bindery machinery.



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### **333294 FOOD PRODUCT MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing food and beverage manufacturing-type machinery and equipment, such as dairy product plant machinery and equipment (e.g., homogenizers, pasteurizers, and ice cream freezers), bakery machinery and equipment (e.g., dough mixers, bake ovens, and pastry rolling machines), meat and poultry processing and preparation machinery, and other commercial food products machinery (e.g., slicers, choppers, and mixers).

### **333295 SEMICONDUCTOR MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wafer processing equipment, semiconductor assembly and packaging equipment, and other semiconductor making machinery.

### **333298 ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction and mining machinery, sawmill and woodworking machinery, plastics and rubber making machinery, paper and paperboard making machinery, textile machinery, printing machinery and equipment, food manufacturing-type machinery, and semiconductor making machinery).

### **3333 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

### **33331 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

### **333311 AUTOMATIC VENDING MACHINE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing coin, token, currency, or magnetic card operated vending machines; and/or
2. manufacturing coin operated mechanism for machines, such as vending machines, lockers, and laundry machines.

### **333312 COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and industrial laundry and drycleaning equipment and pressing machines.

### **333313 OFFICE MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing office machinery (except computers and photocopying equipment), such as mailhandling machinery and equipment, calculators, typewriters, and dedicated word processing equipment.

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### **333314 OPTICAL INSTRUMENT AND LENS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing optical instruments and lens, such as binoculars, microscopes (except electron and proton), telescopes, prisms, and lenses (except ophthalmic);
2. coating or polishing lenses (except ophthalmic); and
3. mounting lenses (except ophthalmic).

### **333315 PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing photographic and photocopying equipment, such as cameras (except television, video, and digital), projectors, film developing equipment, photocopying equipment, and microfilm equipment.

### **333319 OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and service industry equipment (except automatic vending machines, commercial laundry, drycleaning and pressing machines, office machinery, optical instruments and lenses, and photographic and photocopying equipment).

### **3334 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

### **33341 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

### **333411 AIR PURIFICATION EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing stationary air purification equipment, such as industrial dust and fume collection equipment, electrostatic precipitation equipment, warm air furnace filters, air washers, and other dust collection equipment.

### **333412 INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing attic fans and industrial and commercial fans and blowers, such as commercial exhaust fans and commercial ventilating fans.

### **333414 HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing heating equipment (except electric and warm air furnaces), such as heating boilers, heating stoves, floor and wall furnaces, and wall and baseboard heating units.

### **333415 AIR-CONDITIONING AND WARM AIR HEATING EQUIPMENT AND COMMERCIAL AND INDUSTRIAL REFRIGERATION EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing air-conditioning (except motor vehicle) and warm air furnace equipment and/or
2. manufacturing commercial and industrial refrigeration and freezer equipment.

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### **3335 METALWORKING MACHINERY MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

### **33351 METALWORKING MACHINERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

### **333511 INDUSTRIAL MOLD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing industrial molds for casting metals or forming other materials, such as plastics, glass, or rubber.

### **333512 MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal cutting machine tools (except handtools).

### **333513 MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal forming machine tools (except handtools), such as punching, sheering, bending, forming, pressing, forging, and die-casting machines.

### **333514 SPECIAL DIE AND TOOL, DIE SET, JIG, AND FIXTURE MANUFACTURING**

This U.S. industry comprises establishments, known as tool and die shops, primarily engaged in manufacturing special tools and fixtures, such as cutting dies and jigs.

### **333515 CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing accessories and attachments for metal cutting and metal forming machine tools.

### **333516 ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing rolling mill machinery and equipment for metal production.

### **333518 OTHER METALWORKING MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal working machinery (except industrial molds; metal cutting machine tools; metal forming machine tools; special dies and tools, die sets, jigs, and fixtures; cutting tools and machine tool accessories; and rolling mill machinery and equipment).

### **3336 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

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### **33361 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

#### **333611 TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing turbines (except aircraft) and complete turbine generator set units, such as steam, hydraulic, gas, and wind.

#### **333612 SPEED CHANGER, INDUSTRIAL HIGH-SPEED DRIVE, AND GEAR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing gears, speed changers, and industrial high-speed drives (except hydrostatic).

#### **333613 MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing mechanical power transmission equipment (except motor vehicle and aircraft), such as plain bearings, clutches (except motor vehicle and electromagnetic industrial control), couplings, joints, and drive chains.

#### **333618 OTHER ENGINE EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing internal combustion engines (except automotive gasoline and aircraft).

#### **3339 OTHER GENERAL PURPOSE MACHINERY MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Pump and compressor manufacturing;
2. Material handling equipment manufacturing; and
3. All other general purpose machinery manufacturing.

#### **33391 PUMP AND COMPRESSOR MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing pumps and compressors, such as general purpose air and gas compressors, nonagricultural spraying and dusting equipment, general purpose pumps and pumping equipment (except fluid power pumps and motors), and measuring and dispensing pumps.

##### **333911 PUMP AND PUMPING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose pumps and pumping equipment (except fluid power pumps and motors), such as reciprocating pumps, turbine pumps, centrifugal pumps, rotary pumps, diaphragm pumps, domestic water system pumps, oil well and oil field pumps, and sump pumps.

##### **333912 AIR AND GAS COMPRESSOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose air and gas compressors, such as reciprocating compressors, centrifugal compressors, vacuum pumps (except laboratory), and nonagricultural spraying and dusting compressors and spray gun units.

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### **333913 MEASURING AND DISPENSING PUMP MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and dispensing pumps, such as gasoline pumps and lubricating oil measuring and dispensing pumps.

### **33392 MATERIAL HANDLING EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing material handling equipment, such as elevators and moving stairs; conveyors and conveying equipment; overhead traveling cranes, hoists, and monorail systems; and industrial trucks, tractors, trailers, and stacker machinery.

### **333921 ELEVATOR AND MOVING STAIRWAY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing elevators and moving stairways.

### **333922 CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing conveyors and conveying equipment, such as gravity conveyors, trolley conveyors, tow conveyors, pneumatic tube conveyors, carousel conveyors, farm conveyors, and belt conveyors.

### **333923 OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems.

### **333924 INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers (i.e., truck-type), such as forklifts, pallet loaders and unloaders, and portable loading docks.

### **33399 ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilation, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; and material handling equipment).

### **333991 POWER-DRIVEN HANDTOOL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing power-driven (e.g., battery, corded, and pneumatic) handtools, such as drills, screwguns, circular saws, chain saws, staplers, and nailers.

### **333992 WELDING AND SOLDERING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing welding and soldering equipment and accessories (except transformers), such as arc, resistance, gas, plasma, laser, electron beam, and ultrasonic welding equipment; welding electrodes; coated or cored welding wire; and soldering equipment (except handheld).

### **333993 PACKAGING MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing packaging machinery, such as wrapping, bottling, canning, and labeling machinery.

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### **333994 INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING**

This U.S. Industry comprises establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and kilns (except cement, chemical, and wood).

### **333995 FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) cylinders and actuators.

### **333996 FLUID POWER PUMP AND MOTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) pumps and motors.

### **333997 SCALE AND BALANCE (EXCEPT LABORATORY) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing scales and balances (except laboratory).

### **333999 ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilating, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; material handling equipment; power-driven handtools; welding and soldering equipment; packaging machinery; industrial process furnaces and ovens; fluid power cylinders and actuators; fluid power pumps and motors; and scales and balances).

## **334 COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING**

Industries in the Computer and Electronic Product Manufacturing subsector group establishments that manufacture computers, computer peripherals, communications equipment, and similar electronic products, and establishments that manufacture components for such products. The Computer and Electronic Product Manufacturing industries have been combined in the hierarchy of NAICS because of the economic significance they have attained. Their rapid growth suggests that they will become even more important to the economies of all three North American countries in the future, and in addition their manufacturing processes are fundamentally different from the manufacturing processes of other machinery and equipment. The design and use of integrated circuits and the application of highly specialized miniaturization technologies are common elements in the production technologies of the computer and electronic subsector. Convergence of technology motivates this NAICS subsector. Digitalization of sound recording, for example, causes both the medium (the compact disc) and the equipment to resemble the technologies for recording, storing, transmitting, and manipulating data. Communications technology and equipment have been converging with computer technology. When technologically-related components are in the same sector, it makes it easier to adjust the classification for future changes, without needing to redefine its basic structure. The creation of the Computer and Electronic Product Manufacturing subsector will assist in delineating new and emerging industries because the activities that will serve as the probable sources of new industries, such as computer manufacturing and communications equipment manufacturing, or computers and audio equipment, are brought together. As new activities emerge, they are less likely therefore, to cross the subsector boundaries of the classification.

### **3341 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers; and computer peripheral equipment, such as storage devices, printers, monitors, input/output devices and terminals. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

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1. Store the processing program or programs and the data immediately necessary for the execution of the program;
  2. Can be freely programmed in accordance with the requirements of the user;
  3. Perform arithmetical computations specified by the user; and
  4. Execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and comprise at least analog, control, and programming elements.

### **33411 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers; and computer peripheral equipment, such as storage devices, printers, monitors, input/output devices and terminals. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

1. store the processing program or programs and the data immediately necessary for the execution of the program;
2. can be freely programmed in accordance with the requirements of the user;
3. perform arithmetical computations specified by the user; and
4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and comprise at least analog, control, and programming elements.

### **334111 ELECTRONIC COMPUTER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

1. store the processing program or programs and the data immediately necessary for the execution of the program;
2. can be freely programmed in accordance with the requirements of the user;
3. perform arithmetical computations specified by the user; and
4. execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and contain at least analog, control, and programming elements. The manufacture of computers includes the assembly or integration of processors, coprocessors, memory, storage, and input/output devices into a user-programmable final product.

### **334112 COMPUTER STORAGE DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer storage devices that allow the storage and retrieval of data from a phase change, magnetic, optical, or magnetic/optical media. Examples of products made by these establishments are CD-ROM drives, floppy disk drives, hard disk drives, and tape storage and backup units.



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### **334113 COMPUTER TERMINAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer terminals. Computer terminals are input/output devices that connect with a central computer for processing.

### **334119 OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer peripheral equipment (except storage devices and computer terminals).

### **3342 COMMUNICATIONS EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Telephone apparatus manufacturing;
2. Radio and television broadcasting and wireless communications equipment manufacturing; and
3. Other communications equipment manufacturing.

### **33421 TELEPHONE APPARATUS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be standalone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, LAN modems, multi-user modems, and other data communications equipment, such as bridges, routers, and gateways.

### **334210 TELEPHONE APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be stand-alone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, and data communications equipment, such as bridges, routers, and gateways.

### **33422 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are: transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

### **334220 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.



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### **33429 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, and radio and television broadcast, and wireless communications equipment).

### **334290 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, radio and television broadcast, and wireless communications equipment).

### **3343 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

### **33431 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

### **334310 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

### **3344 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

### **33441 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

### **334411 ELECTRON TUBE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electron tubes and parts (except glass blanks). Examples of products made by these establishments are cathode ray tubes (i.e., picture tubes), klystron tubes, magnetron tubes, and traveling wave tubes.

### **334412 BARE PRINTED CIRCUIT BOARD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing bare (i.e., rigid or flexible) printed circuit boards without mounted electronic components. These establishments print, perforate, plate, screen, etch, or photoprint interconnecting pathways for electric current on laminates.

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### **334413 SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing semiconductors and related solid state devices. Examples of products made by these establishments are integrated circuits, memory chips, microprocessors, diodes, transistors, solar cells and other optoelectronic devices.

### **334414 ELECTRONIC CAPACITOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic fixed and variable capacitors and condensers.

### **334415 ELECTRONIC RESISTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic resistors, such as fixed and variable resistors, resistor networks, thermistors, and varistors.

### **334416 ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic inductors, such as coils and transformers.

### **334417 ELECTRONIC CONNECTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic connectors, such as coaxial; cylindrical; rack and panel; pin and sleeve; printed circuit; and fiber optic.

### **334418 PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in loading components onto printed circuit boards or who manufacture and ship loaded printed circuit boards. Also known as printed circuit assemblies, electronics assemblies, or modules, these products are printed circuit boards that have some or all of the semiconductor and electronic components inserted or mounted and are inputs to a wide variety of electronic systems and devices.

### **334419 OTHER ELECTRONIC COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic components (except electron tubes; bare printed circuit boards; semiconductors and related devices; electronic capacitors; electronic resistors; coils, transformers, and other inductors; connectors; and loaded printed circuit boards).

### **3345 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

### **33451 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

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### **334510 ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus, such as magnetic resonance imaging equipment, medical ultrasound equipment, pacemakers, hearing aids, electrocardiographs, and electromedical endoscopic equipment.

### **334511 SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Examples of products made by these establishments are aircraft instruments (except engine), flight recorders, navigational instruments and systems, radar systems and equipment, and sonar systems and equipment.

### **334512 AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE**

This U.S. industry comprises establishments primarily engaged in manufacturing automatic controls and regulators for applications, such as heating, air-conditioning, refrigeration, and appliances.

### **334513 INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and related devices for measuring, displaying, indicating, recording, transmitting, and controlling industrial process variables. These instruments measure, display, or control (i.e., monitor and analyze) industrial process variables, such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, concentration, and rotation.

### **334514 TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing totalizing (i.e., registering) fluid meters and counting devices. Examples of products made by these establishments are gas consumption meters, water consumption meters, parking meters, taxi meters, motor vehicle gauges, and fare collection equipment.

### **334515 INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments for measuring and testing the characteristics of electricity and electrical signals. Examples of products made by these establishments are circuit and continuity testers, volt meters, ohm meters, wattmeters, multimeters, and semiconductor test equipment.

### **334516 ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and instrumentation systems for laboratory analysis of the chemical or physical composition or concentration of samples of solid, fluid, gaseous, or composite material.

### **334517 IRRADIATION APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing irradiation apparatus and tubes for applications, such as medical diagnostic, medical therapeutic, industrial, and research and scientific evaluation. Irradiation can take the form of beta-rays, gamma-rays, X-rays, or other ionizing radiation.

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### **334518 WATCH, CLOCK, AND PART MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling: clocks; watches; timing mechanisms for clockwork operated devices; time clocks; time and date recording devices; and clock and watch parts (except crystals), such as springs, jewels, and modules.

### **334519 OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and controlling devices (except search, detection, navigation, guidance, aeronautical, and nautical instruments and systems; automatic environmental controls for residential, commercial, and appliance use; instruments for measurement, display, and control of industrial process variables; totalizing fluid meters and counting devices; instruments for measuring and testing electricity and electrical signals; analytical laboratory instruments; watches, clocks, and parts; irradiation equipment; and electromedical and electrotherapeutic apparatus).

### **3346 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA**

This industry group comprises establishments primarily engaged in:

1. Manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or
2. Mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

### **33461 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA**

This industry comprises establishments primarily engaged in:

1. manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or;
2. mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

### **334611 SOFTWARE REPRODUCING**

This U.S. industry comprises establishments primarily engaged in mass reproducing computer software. These establishments do not generally develop any software, they mass reproduce data and programs on magnetic media, such as diskettes, tapes, or cartridges. Establishments in this industry mass reproduce products, such as CD-ROMs and game cartridges.

### **334612 PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING**

This U.S. industry comprises establishments primarily engaged in mass reproducing audio and video material on magnetic or optical media. Examples of products mass reproduced by these establishments are audio compact discs, prerecorded audio and video cassettes, and laser discs.

### **334613 MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing magnetic and optical recording media, such as blank magnetic tape, blank diskettes, blank optical discs, hard drive media, and blank magnetic tape cassettes.

### **335 ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING**

Industries in the Electrical Equipment, Appliance, and Component Manufacturing subsector manufacture products that generate, distribute and use electrical power. Electric Lighting Equipment Manufacturing establishments produce electric lamp bulbs, lighting fixtures, and parts. Household

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Appliance Manufacturing establishments make both small and major electrical appliances and parts. Electrical Equipment Manufacturing establishments make goods, such as electric motors, generators, transformers, and switchgear apparatus. Other Electrical Equipment and Component Manufacturing establishments make devices for storing electrical power (e.g., batteries), for transmitting electricity (e.g., insulated wire), and wiring devices (e.g., electrical outlets, fuse boxes, and light switches).

### **3351 ELECTRIC LIGHTING EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Electric lamp bulb and part manufacturing and/or
2. Lighting fixture manufacturing.

#### **33511 ELECTRIC LAMP BULB AND PART MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

##### **335110 ELECTRIC LAMP BULB AND PART MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

#### **33512 LIGHTING FIXTURE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except vehicular), nonelectric lighting equipment, lamp shades (except glass and plastics), and lighting fixture components (except current-carrying wiring devices).

##### **335121 RESIDENTIAL ELECTRIC LIGHTING FIXTURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fixed or portable residential electric lighting fixtures and lamp shades of metal, paper, or textiles. Residential electric lighting fixtures include those for use both inside and outside the residence.

##### **335122 COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures.

##### **335129 OTHER LIGHTING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except residential, commercial, industrial, institutional, and vehicular) and nonelectric lighting equipment.

### **3352 HOUSEHOLD APPLIANCE MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Small electrical appliance manufacturing and/or
2. Major appliance manufacturing.

#### **33521 SMALL ELECTRICAL APPLIANCE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares, household-type fans, household-type vacuum cleaners, and other electric household-type floor care machines.

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### **335211 ELECTRIC HOUSEWARES AND HOUSEHOLD FAN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares for heating, cooking, and other purposes, and electric household-type fans (except attic fans).

### **335212 HOUSEHOLD VACUUM CLEANER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric vacuum cleaners, electric floor waxing machines, and other electric floor care machines typically for household use.

### **33522 MAJOR APPLIANCE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers, and other electrical and nonelectrical major household-type appliances, such as dishwashers, water heaters, and garbage disposal units.

### **335221 HOUSEHOLD COOKING APPLIANCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type electric and nonelectric cooking equipment (except small electric appliances and electric housewares).

### **335222 HOUSEHOLD REFRIGERATOR AND HOME FREEZER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type refrigerators and upright and chest freezers.

### **335224 HOUSEHOLD LAUNDRY EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type laundry equipment.

### **335228 OTHER MAJOR HOUSEHOLD APPLIANCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric and non-electric major household-type appliances (except cooking equipment, refrigerators, upright and chest freezers, and household-type laundry equipment).

### **3353 ELECTRICAL EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

### **33531 ELECTRICAL EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

### **335311 POWER, DISTRIBUTION, AND SPECIALTY TRANSFORMER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers (except electronic components). Industrial-type and consumer-type transformers in this industry vary (e.g., step up or step down) voltage but do not convert alternating to direct or direct to alternating current.

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### **335312 MOTOR AND GENERATOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric motors (except internal combustion engine starting motors), power generators (except battery charging alternators for internal combustion engines), and motor generator sets (except turbine generator set units). This industry includes establishments rewinding armatures on a factory basis.

### **335313 SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing switchgear and switchboard apparatus.

### **335314 RELAY AND INDUSTRIAL CONTROL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing relays, motor starters and controllers, and other industrial controls and control accessories.

### **3359 OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing electrical equipment and components (except electric lighting equipment, household-type appliances, transformers, switchgear, relays, motors, and generators).

### **33591 BATTERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing primary and storage batteries.

### **335911 STORAGE BATTERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing storage batteries.

### **335912 PRIMARY BATTERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wet or dry primary batteries.

### **33592 COMMUNICATION AND ENERGY WIRE AND CABLE MANUFACTURING**

This industry comprises establishments insulating fiber-optic cable, and manufacturing insulated nonferrous wire and cable from nonferrous wire drawn in other establishments.

### **335921 FIBER OPTIC CABLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing insulated fiber-optic cable from purchased fiber-optic strand.

### **335929 OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing insulated wire and cable of nonferrous metals from purchased wire.

### **33593 WIRING DEVICE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices and noncurrent-carrying wiring devices for wiring electrical circuits.

### **335931 CURRENT-CARRYING WIRING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices.



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### **335932 NONCURRENT-CARRYING WIRING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing noncurrent-carrying wiring devices.

### **33599 ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electrical equipment (except electric lighting equipment, household-type appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, and wiring devices).

### **335991 CARBON AND GRAPHITE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; carbon and graphite fibers; and other carbon, graphite, and metal-graphite products.

### **335999 ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing industrial and commercial electric apparatus and other equipment (except lighting equipment, household appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, wiring devices, and carbon and graphite products). This industry includes power converters (i.e., AC to DC and DC to AC), power supplies, surge suppressors, and similar equipment for industrial-type and consumer-type equipment.

### **336 TRANSPORTATION EQUIPMENT MANUFACTURING**

Industries in the Transportation Equipment Manufacturing subsector produce equipment for transporting people and goods. Transportation equipment is a type of machinery. An entire subsector is devoted to this activity because of the significance of its economic size in all three North American countries.

Establishments in this subsector utilize production processes similar to those of other machinery manufacturing establishments - bending, forming, welding, machining, and assembling metal or plastic parts into components and finished products. However, the assembly of components and subassemblies and their further assembly into finished vehicles tends to be a more common production process in this subsector than in the Machinery Manufacturing subsector.

NAICS has industry groups for the manufacture of equipment for each mode of transport - road, rail, air and water. Parts for motor vehicles warrant a separate industry group because of their importance and because parts manufacture requires less assembly, and the establishments that manufacture only parts are not as vertically integrated as those that make complete vehicles.

Land use motor vehicle equipment not designed for highway operation (e.g., agricultural equipment, construction equipment, and materials handling equipment) is classified in the appropriate NAICS subsector based on the type and use of the equipment.

### **3361 MOTOR VEHICLE MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Automobile and light duty motor vehicle manufacturing and/or
2. Heavy duty truck manufacturing.

### **33611 AUTOMOBILE AND LIGHT DUTY MOTOR VEHICLE MANUFACTURING**

This industry comprises establishments primarily engaged in:



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1. manufacturing complete automobile and light duty motor vehicles (i.e., body and chassis or unibody) or
  2. manufacturing chassis only.

### **336111 AUTOMOBILE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete automobiles (i.e., body and chassis or unibody) or
2. manufacturing automobile chassis only.

### **336112 LIGHT TRUCK AND UTILITY VEHICLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete light trucks and utility vehicles (i.e., body and chassis) or
2. manufacturing light truck and utility vehicle chassis only.

Vehicles made include light duty vans, pick-up trucks, minivans, and sport utility vehicles.

### **33612 HEAVY DUTY TRUCK MANUFACTURING**

This industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

### **336120 HEAVY DUTY TRUCK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing heavy duty truck chassis and assembling complete heavy duty trucks, buses, heavy duty motor homes, and other special purpose heavy duty motor vehicles for highway use or
2. manufacturing heavy duty truck chassis only.

### **3362 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Manufacturing motor vehicle bodies and cabs or
2. Manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

### **33621 MOTOR VEHICLE BODY AND TRAILER MANUFACTURING**

This industry comprises establishments primarily engaged in:

1. manufacturing motor vehicle bodies and cabs or
2. manufacturing truck, automobile and utility trailers, truck trailer chassis, detachable trailer bodies, and detachable trailer chassis.

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The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

Motor homes are units where the motor and the living quarters are contained in the same integrated unit, while travel trailers are designed to be towed by a motor unit, such as an automobile or a light truck.

### **336211 MOTOR VEHICLE BODY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing truck and bus bodies and cabs and automobile bodies. The products made may be sold separately or may be assembled on purchased chassis and sold as complete vehicles.

### **336212 TRUCK TRAILER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing truck trailers, truck trailer chassis, cargo container chassis, detachable trailer bodies, and detachable trailer chassis for sale separately.

### **336213 MOTOR HOME MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in:

1. manufacturing motor homes on purchased chassis and/or
2. manufacturing conversion vans on an assembly line basis.

Motor homes are units where the motor and the living quarters are integrated in the same unit.

### **336214 TRAVEL TRAILER AND CAMPER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing travel trailers and campers designed to attach to motor vehicles;
2. manufacturing pickup coaches (i.e., campers) and caps (i.e., covers) for mounting on pickup trucks; and
3. manufacturing automobile, utility, and light-truck trailers.

Travel trailers do not have their own motor but are designed to be towed by a motor unit, such as an automobile or a light truck.

### **3363 MOTOR VEHICLE PARTS MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Motor vehicle gasoline engine and engine parts manufacturing;
2. Motor vehicle electrical and electronic equipment manufacturing;
3. Motor vehicle steering and suspension components (except spring) manufacturing;
4. Motor vehicle brake system manufacturing;
5. Motor vehicle transmission and power train parts manufacturing;
6. Motor vehicle seating and interior trim manufacturing;
7. Motor vehicle metal stamping; and/or
8. Other motor vehicle parts manufacturing.

### **33631 MOTOR VEHICLE GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle gasoline engines, and engine parts, whether or not for vehicular use.

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### **336311 CARBURETOR, PISTON, PISTON RING, AND VALVE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding carburetors, pistons, piston rings, and engine intake and exhaust valves.

### **336312 GASOLINE ENGINE AND ENGINE PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding gasoline motor vehicle engines and gasoline motor vehicle engine parts, excluding carburetors, pistons, piston rings, and valves.

### **33632 MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in:

1. manufacturing vehicular lighting and/or
2. manufacturing and/or rebuilding motor vehicle electrical and electronic equipment.

The products made can be used for all types of transportation equipment (i.e., aircraft, automobiles, trains, and ships).

### **336321 VEHICULAR LIGHTING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing vehicular lighting fixtures.

### **336322 OTHER MOTOR VEHICLE ELECTRICAL AND ELECTRONIC EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding electrical and electronic equipment for motor vehicles and internal combustion engines.

### **33633 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

### **336330 MOTOR VEHICLE STEERING AND SUSPENSION COMPONENTS (EXCEPT SPRING) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle steering mechanisms and suspension components (except springs).

### **33634 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

### **336340 MOTOR VEHICLE BRAKE SYSTEM MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle brake systems and related components.

### **33635 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

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### **336350 MOTOR VEHICLE TRANSMISSION AND POWER TRAIN PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle transmission and power train parts.

### **33636 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

### **336360 MOTOR VEHICLE SEATING AND INTERIOR TRIM MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle seating, seats, seat frames, seat belts, and interior trimmings.

### **33637 MOTOR VEHICLE METAL STAMPING**

This industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

### **336370 MOTOR VEHICLE METAL STAMPING**

This U.S. industry comprises establishments primarily engaged in manufacturing motor vehicle stampings, such as fenders, tops, body parts, trim, and molding.

### **33639 OTHER MOTOR VEHICLE PARTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, and motor vehicle stampings).

### **336391 MOTOR VEHICLE AIR-CONDITIONING MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing air-conditioning systems and compressors for motor vehicles, such as automobiles, trucks, buses, aircraft, farm machinery, construction machinery, and other related vehicles.

### **336399 ALL OTHER MOTOR VEHICLE PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or rebuilding motor vehicle parts and accessories (except motor vehicle gasoline engines and engine parts, motor vehicle electrical and electronic equipment, motor vehicle steering and suspension components, motor vehicle brake systems, motor vehicle transmission and power train parts, motor vehicle seating and interior trim, motor vehicle stampings, and motor vehicle air-conditioning systems and compressors).

### **3364 AEROSPACE PRODUCT AND PARTS MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing complete aircraft, missiles, or space vehicles;
2. Manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. Developing and making prototypes of aerospace products;
4. Aircraft conversion (i.e., major modifications to systems); and
5. Complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

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### **33641 AEROSPACE PRODUCT AND PARTS MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing complete aircraft, missiles, or space vehicles;
2. manufacturing aerospace engines, propulsion units, auxiliary equipment or parts;
3. developing and making prototypes of aerospace products;
4. aircraft conversion (i.e., major modifications to systems); and
5. complete aircraft or propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

### **336411 AIRCRAFT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing or assembling complete aircraft;
2. developing and making aircraft prototypes;
3. aircraft conversion (i.e., major modifications to systems); and
4. complete aircraft overhaul and rebuilding (i.e., periodic restoration of aircraft to original design specifications).

### **336412 AIRCRAFT ENGINE AND ENGINE PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing aircraft engines and engine parts;
2. developing and making prototypes of aircraft engines and engine parts;
3. aircraft propulsion system conversion (i.e., major modifications to systems); and
4. aircraft propulsion systems overhaul and rebuilding (i.e., periodic restoration of aircraft propulsion system to original design specifications).

### **336413 OTHER AIRCRAFT PARTS AND AUXILIARY EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing aircraft parts or auxiliary equipment (except engines and aircraft fluid power subassemblies) and/or
2. developing and making prototypes of aircraft parts and auxiliary equipment.

Auxiliary equipment includes such items as crop dusting apparatus, armament racks, inflight refueling equipment, and external fuel tanks.

### **336414 GUIDED MISSILE AND SPACE VEHICLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing complete guided missiles and space vehicles and/or
2. developing and making prototypes of guided missile or space vehicles.

### **336415 GUIDED MISSILE AND SPACE VEHICLE PROPULSION UNIT AND PROPULSION UNIT PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and/or space vehicle propulsion units and propulsion unit parts and/or

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2. developing and making prototypes of guided missile and space vehicle propulsion units and propulsion unit parts.

### **336419 OTHER GUIDED MISSILE AND SPACE VEHICLE PARTS AND AUXILIARY EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in:

1. manufacturing guided missile and space vehicle parts and auxiliary equipment (except guided missile and space vehicle propulsion units and propulsion unit parts) and/or
2. developing and making prototypes of guided missile and space vehicle parts and auxiliary equipment.

### **3365 RAILROAD ROLLING STOCK MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. Manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. Manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

### **33651 RAILROAD ROLLING STOCK MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

### **336510 RAILROAD ROLLING STOCK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing and/or rebuilding locomotives, locomotive frames, and parts;
2. manufacturing railroad, street, and rapid transit cars and car equipment for operation on rails for freight and passenger service; and
3. manufacturing rail layers, ballast distributors, rail tamping equipment, and other railway track maintenance equipment.

### **3366 SHIP AND BOAT BUILDING**

This industry group comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

### **33661 SHIP AND BOAT BUILDING**

This industry comprises establishments primarily engaged in operating shipyards or boat yards (i.e., ship or boat manufacturing facilities). Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for

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other than personal or recreational use. Boats are defined as watercraft typically suitable or intended for personal use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

### **336611 SHIP BUILDING AND REPAIRING**

This U.S. industry comprises establishments primarily engaged in operating a shipyard. Shipyards are fixed facilities with drydocks and fabrication equipment capable of building a ship, defined as watercraft typically suitable or intended for other than personal or recreational use. Activities of shipyards include the construction of ships, their repair, conversion and alteration, the production of prefabricated ship and barge sections, and specialized services, such as ship scaling.

### **336612 BOAT BUILDING**

This U.S. industry comprises establishments primarily engaged in building boats. Boats are defined as watercraft not built in shipyards and typically of the type suitable or intended for personal use.

### **3369 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles and parts, aerospace products and parts, railroad rolling stock, ship building, and boat manufacturing).

### **33699 OTHER TRANSPORTATION EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, metal tricycles, complete military armored vehicles, tanks, self-propelled weapons, vehicles pulled by draft animals, and other transportation equipment (except motor vehicles, boats, ships, railroad rolling stock, and aerospace products), including parts thereof.

### **336991 MOTORCYCLE, BICYCLE, AND PARTS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing motorcycles, bicycles, tricycles and similar equipment, and parts.

### **336992 MILITARY ARMORED VEHICLE, TANK, AND TANK COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing complete military armored vehicles, combat tanks, specialized components for combat tanks, and self-propelled weapons.

### **336999 ALL OTHER TRANSPORTATION EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing transportation equipment (except motor vehicles, motor vehicle parts, boats, ships, railroad rolling stock, aerospace products, motorcycles, bicycles, and armored vehicles and tanks).

### **337 FURNITURE AND RELATED PRODUCT MANUFACTURING**

Industries in the Furniture and Related Product Manufacturing subsector make furniture and related articles, such as mattresses, window blinds, cabinets, and fixtures. The processes used in the manufacture of furniture include the cutting, bending, molding, laminating, and assembly of such materials as wood, metal, glass, plastics, and rattan. However, the production process for

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furniture is not solely bending metal, cutting and shaping wood, or extruding and molding plastics. Design and fashion trends play an important part in the production of furniture. The integrated design of the article for both esthetic and functional qualities is also a major part of the process of manufacturing furniture. Design services may be performed by the furniture establishment's work force or may be purchased from industrial designers.

Furniture may be made of any material, but the most common ones used in North America are metal and wood. Furniture manufacturing establishments may specialize in making articles primarily from one material. Some of the equipment required to make a wooden table, for example, is different from that used to make a metal one. However, furniture is usually made from several materials. A wooden table might have metal brackets, and a wooden chair a fabric or plastics seat. Therefore, in NAICS, furniture initially is classified based on the type of furniture (application for which it is designed) rather than the material used. For example, an upholstered sofa is treated as household furniture, although it may also be used in hotels or offices.

When classifying furniture according to the component material from which it is made, furniture made from more than one material is classified based on the material used in the frame, or if there is no frame, the predominant component material. Upholstered household furniture (excluding kitchen and dining room chairs with upholstered seats) is classified without regard to the frame material. Kitchen or dining room chairs with upholstered seats are classified according to the frame material.

Furniture may be made on a stock or custom basis and may be shipped assembled or unassembled (i.e., knockdown). The manufacture of furniture parts and frames is included in this subsector.

Some of the processes used in furniture manufacturing are similar to processes that are used in other segments of manufacturing. For example, cutting and assembly occurs in the production of wood trusses that are classified in Subsector 321, Wood Product Manufacturing. However, the multiple processes that distinguish wood furniture manufacturing from wood product manufacturing warrant inclusion of wooden furniture manufacturing in the Furniture and Related Product Manufacturing subsector. Metal furniture manufacturing uses techniques that are also employed in the manufacturing of roll-formed products classified in Subsector 332, Fabricated Metal Product Manufacturing. The molding process for plastics furniture is similar to the molding of other plastics products. However, plastics furniture producing establishments tend to specialize in furniture.

NAICS attempts to keep furniture manufacturing together, but there are two notable exceptions: seating for transportation equipment and laboratory and hospital furniture. These exceptions are related to that fact that some of the aspects of the production process for these products, primarily the design, are highly integrated with that of other manufactured goods, namely motor vehicles and health equipment.

### **3371 HOUSEHOLD AND INSTITUTIONAL FURNITURE AND KITCHEN CABINET MANUFACTURING**

This industry group comprises establishments manufacturing household-type furniture, such as living room, kitchen and bedroom furniture and institutional (i.e., public building) furniture, such as furniture for schools, theaters, and churches.

#### **33711 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.

##### **337110 WOOD KITCHEN CABINET AND COUNTERTOP MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood or plastics laminated on wood kitchen cabinets, bathroom vanities, and countertops (except freestanding). The cabinets and counters may be made on a stock or custom basis.



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### **33712 HOUSEHOLD AND INSTITUTIONAL FURNITURE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing household-type and public building furniture (i.e., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337121 UPHOLSTERED HOUSEHOLD FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing upholstered household-type furniture. The furniture may be made on a stock or custom basis.

#### **337122 NONUPHOLSTERED WOOD HOUSEHOLD FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonupholstered wood household-type furniture and freestanding cabinets (except television, radio, and sewing machine cabinets). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337124 METAL HOUSEHOLD FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing metal household-type furniture and freestanding cabinets. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337125 HOUSEHOLD FURNITURE (EXCEPT WOOD AND METAL) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type furniture of materials other than wood or metal, such as plastics, reed, rattan, wicker, and fiberglass. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337127 INSTITUTIONAL FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing institutional-type furniture (e.g., library, school, theater, and church furniture). The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **337129 WOOD TELEVISION, RADIO, AND SEWING MACHINE CABINET MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood cabinets used as housings by television, stereo, loudspeaker, and sewing machine manufacturers.

### **3372 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

#### **33721 OFFICE FURNITURE (INCLUDING FIXTURES) MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing office furniture and/or office and store fixtures. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

##### **337211 WOOD OFFICE FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

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### **337212 CUSTOM ARCHITECTURAL WOODWORK AND MILLWORK MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing custom designed interiors consisting of architectural woodwork and fixtures utilizing wood, wood products, and plastics laminates. All of the industry output is made to individual order on a job shop basis and requires skilled craftsmen as a labor input. A job might include custom manufacturing of display fixtures, gondolas, wall shelving units, entrance and window architectural detail, sales and reception counters, wall paneling, and matching furniture.

### **337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

### **337215 SHOWCASE, PARTITION, SHELVING, AND LOCKER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood and nonwood office and store fixtures, shelving, lockers, frames, partitions, and related fabricated products of wood and nonwood materials, including plastics laminated fixture tops. The products are made on a stock basis and may be assembled or unassembled (i.e., knockdown). Establishments exclusively making furniture parts (e.g., frames) are included in this industry.

### **337211 WOOD OFFICE FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

### **337214 OFFICE FURNITURE (EXCEPT WOOD) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonwood office-type furniture. The furniture may be made on a stock or custom basis and may be assembled or unassembled (i.e., knockdown).

### **3379 OTHER FURNITURE RELATED PRODUCT MANUFACTURING**

This industry group comprises establishments manufacturing furniture related products, such as mattresses, blinds, and shades.

### **33791 MATTRESS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

### **337910 MATTRESS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing innerspring, box spring, and noninnerspring mattresses, including mattresses for waterbeds.

### **33792 BLIND AND SHADE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing one or more of the following: venetian blinds, other window blinds, shades; curtain and drapery rods, poles; and/or curtain and drapery fixtures. The blinds and shades may be made on a stock or custom basis and may be made of any material.

### **337920 BLIND AND SHADE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing one or more of the following:

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1. venetian blinds, other window blinds, shades;
  2. curtain and drapery rods, poles; and/or
  3. curtain and drapery fixtures.

The blinds and shades may be made on a stock or custom basis and may be made of any material.

### **339 MISCELLANEOUS MANUFACTURING**

Industries in the Miscellaneous Manufacturing subsector make a wide range of products that cannot readily be classified in specific NAICS subsectors in manufacturing. Processes used by these establishments vary significantly, both among and within industries. For example, a variety of manufacturing processes are used in manufacturing sporting and athletic goods that include products, such as tennis racquets and golf balls. The processes for these products differ from each other, and the processes differ significantly from the fabrication processes used in making dolls or toys, the melting and shaping of precious metals to make jewelry, and the bending, forming, and assembly used in making medical products.

The industries in this subsector are defined by what is made rather than how it is made. Although individual establishments might be appropriately classified elsewhere in the NAICS structure, for historical continuity, these product-based industries were maintained. In most cases, no one process or material predominates for an industry.

Establishments in this subsector manufacture products as diverse as medical equipment and supplies, jewelry, sporting goods, toys, and office supplies.

#### **3391 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

##### **33911 MEDICAL EQUIPMENT AND SUPPLIES MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing medical equipment and supplies. Examples of products made by these establishments are laboratory apparatus and furniture, surgical and medical instruments, surgical appliances and supplies, dental equipment and supplies, orthodontic goods, dentures, and orthodontic appliances.

###### **339111 LABORATORY APPARATUS AND FURNITURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing laboratory apparatus and laboratory and hospital furniture (except dental). Examples of products made by these establishments are hospital beds, operating room tables, laboratory balances and scales, furnaces, ovens, centrifuges, cabinets, cases, benches, tables, and stools.

For this industry, the 1997 Economic Census did not fully implement the conversion to NAICS. The data from 1997 to 2001 for NAICS industry 339111 did not include establishments primarily engaged in the manufacture of hospital beds and other hospital furniture. These establishments are included in the 2002 Economic Census data.

###### **339112 SURGICAL AND MEDICAL INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing medical, surgical, ophthalmic, and veterinary instruments and apparatus (except electrotherapeutic, electro-medical and irradiation apparatus). Examples of products made by these establishments are syringes, hypodermic needles, anesthesia apparatus, blood transfusion equipment, catheters, surgical clamps, and medical thermometers.

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### **339113 SURGICAL APPLIANCE AND SUPPLIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing surgical appliances and supplies. Examples of products made by these establishments are orthopedic devices, prosthetic appliances, surgical dressings, crutches, surgical sutures, and personal industrial safety devices (except protective eyewear).

### **339114 DENTAL EQUIPMENT AND SUPPLIES MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing dental equipment and supplies used by dental laboratories and offices of dentists, such as dental chairs, dental instrument delivery systems, dental hand instruments, and dental impression material and dental cements.

### **339115 OPHTHALMIC GOODS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ophthalmic goods. Examples of products made by these establishments are prescription eyeglasses (except manufactured in a retail setting), contact lenses, sunglasses, eyeglass frames, reading glasses made to standard powers, and protective eyewear.

### **339116 DENTAL LABORATORIES**

This U.S. industry comprises establishments primarily engaged in manufacturing dentures, crowns, bridges, and orthodontic appliances customized for individual application.

### **3399 OTHER MISCELLANEOUS MANUFACTURING**

This industry group comprises establishments primarily engaged in one or more of the following:

1. Jewelry and silverware manufacturing;
2. Sporting and athletic goods manufacturing;
3. Doll, toy, and game manufacturing;
4. Office supplies (except paper) manufacturing;
5. Sign manufacturing; and/or
6. All other miscellaneous manufacturing.

### **33991 JEWELRY AND SILVERWARE MANUFACTURING**

This industry comprises establishments primarily engaged in one or more of the following:

1. manufacturing, engraving, chasing, or etching jewelry;
2. manufacturing metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
3. manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter cutlery and flatware;
4. manufacturing, engraving, chasing, or etching personal metal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases);
5. stamping coins;
6. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
7. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
8. recutting, repolishing, and setting gem stones; and

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9. drilling, sawing, and peeling cultured and costume pearls.

### **339911 JEWELRY (EXCEPT COSTUME) MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, or etching precious metal solid or precious metal clad jewelry;
2. manufacturing, engraving, chasing, or etching personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases) made of precious solid or clad metal; and
3. stamping coins.

### **339912 SILVERWARE AND HOLLOWWARE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing, engraving, chasing, or etching precious metal solid, precious metal clad, or pewter flatware and other hollowware.

### **339913 JEWELERS' MATERIAL AND LAPIDARY WORK MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing unassembled jewelry parts and stock shop products, such as sheet, wire, and tubing;
2. cutting, slabbing, tumbling, carving, engraving, polishing, or faceting precious or semiprecious stones and gems;
3. recutting, repolishing, and setting gem stones; and
4. drilling, sawing, and peeling cultured pearls.

### **339914 COSTUME JEWELRY AND NOVELTY MANUFACTURING**

This U.S. industry group comprises establishments primarily engaged in one of the following:

1. manufacturing, engraving, chasing, and etching costume jewelry; and/or
2. manufacturing, engraving, chasing, or etching nonprecious metal personal goods (i.e., small articles carried on or about the person, such as compacts or cigarette cases).

This industry includes establishments primarily engaged in manufacturing precious plated jewelry and precious plated personal goods.

### **33992 SPORTING AND ATHLETIC GOODS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

### **339920 SPORTING AND ATHLETIC GOODS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing sporting and athletic goods (except apparel and footwear).

### **33993 DOLL, TOY, AND GAME MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing dolls, toys, and games, such as complete dolls, doll parts, doll clothes, action figures, toys, games (including electronic), hobby kits, and children's vehicles (except metal bicycles and tricycles).

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### **339931 DOLL AND STUFFED TOY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing complete dolls, doll parts, and doll clothes; action figures; and stuffed toys.

### **339932 GAME, TOY, AND CHILDREN'S VEHICLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing games (including electronic), toys, and children's vehicles (except bicycles and metal tricycles).

### **33994 OFFICE SUPPLIES (EXCEPT PAPER) MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing office supplies. Examples of products made by these establishments are pens, pencils, felt tip markers, crayons, chalk, pencil sharpeners, staplers, hand operated stamps, modeling clay, and inked ribbons.

### **339941 PEN AND MECHANICAL PENCIL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing pens, ballpoint pen refills and cartridges, mechanical pencils, and felt tipped markers.

### **339942 LEAD PENCIL AND ART GOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing nonmechanical pencils and art goods. Examples of products made by these establishments are pencil leads, crayons, chalk, framed blackboards, pencil sharpeners, staplers, artists' palettes and paints, and modeling clay.

### **339943 MARKING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing marking devices, such as hand operated stamps, embossing stamps, stamp pads, and stencils.

### **339944 CARBON PAPER AND INKED RIBBON MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing carbon paper and inked ribbons.

### **33995 SIGN MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

### **339950 SIGN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing signs and related displays of all materials (except printing paper and paperboard signs, notices, and displays).

### **33999 ALL OTHER MISCELLANEOUS MANUFACTURING**

This industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), and signs).

### **339991 GASKET, PACKING, AND SEALING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing gaskets, packing, and sealing devices of all materials.

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### **339992 MUSICAL INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing musical instruments (except toys).

### **339993 FASTENER, BUTTON, NEEDLE, AND PIN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fasteners, buttons, needles, pins, and buckles (except precious metals or precious and semiprecious stones and gems).

### **339994 BROOM, BRUSH, AND MOP MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing brooms, mops, and brushes.

### **339995 BURIAL CASKET MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing burial caskets, cases, and vaults (except concrete).

### **339999 ALL OTHER MISCELLANEOUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in miscellaneous manufacturing (except medical equipment and supplies, jewelry and flatware, sporting and athletic goods, dolls, toys, games, office supplies (except paper), musical instruments, fasteners, buttons, needles, pins, brooms, brushes, mops, and burial caskets).

# Appendix C.

## Methodology

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### SOURCES OF THE DATA

The manufacturing sector includes approximately 350,000 establishments. This number includes those industries in the North American Industry Classification System (NAICS) definition of manufacturing. The amount of information requested from manufacturing establishments was dependent upon a number of factors. The more important considerations were the size of the company and whether it was included in the Annual Survey of Manufactures (ASM).

Establishments in the 2002 Economic Census are divided into those sent report forms and those not sent report forms. The coverage of and the method of obtaining census information from each are described below:

1. Establishments sent a report form:

- a. ASM sample establishments. This group accounts for approximately 15 percent of all manufacturing establishments. The ASM panel covers all the units of large manufacturing establishments, as well as a sample of the medium and smaller establishments. The probability of selection was proportionate to size. For more information, see the Description of the ASM Survey Sample.

In an economic census year, the ASM report form (MA-10000) replaces the first page of the regular census form for those establishments included in the ASM. In addition to information on employment, payroll, and other items normally requested on the regular census form, establishments in the ASM sample were requested to supply additional information on gross book value of assets and capital expenditures. ASM establishments were also requested to provide information on retirements, depreciation, rental payments, and supplemental labor costs. For establishments not included in the ASM, these additional items were estimated using relationships observed in the ASM establishment data. The census statistics for these variables are a sum of the ASM establishment data and the estimated data for non-ASM establishments. ASM establishments were also requested to provide information for selected purchased services. The census statistics for the purchased service items were derived solely from the ASM establishments. See Appendix A. Explanation of Terms, for an explanation of these items. The census part of the report form is 1 of 220 versions containing product, material, and special inquiries. The diversity of manufacturing activities necessitated the use of this many forms to canvass the 473 manufacturing industries. Each form was developed for a group of related industries.

Appearing on each form was a list of products primary to the group of related industries, as well as secondary products and miscellaneous services that establishments classified in these industries were likely to perform. Respondents were requested to identify the products, the value of each product, and, in certain cases, the quantity of the product shipped during the survey year. Space also was provided for the respondent to describe products not specifically identified on the form.

The report form also contained a materials-consumed inquiry, which varied from form to form depending on the industries being canvassed. The respondents were asked to review a list of materials generally used in their production processes. From this list, each establishment was requested to identify those materials consumed during the survey year, the cost of each, and, in certain cases, the quantity consumed. Once again, space was provided



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for the respondent to describe significant materials not listed on the form.

A wide variety of special inquiries were included to measure activities peculiar to a given industry, such as operations performed and equipment used.

- b. Large and medium establishments (non-ASM). Approximately 30 percent of all manufacturing establishments were included in this group. A variable cutoff, based on administrative-record payroll data and determined on an industry-by-industry basis, was used to select those establishments that were to receive 1 of the 220 economic census — manufacturing regular forms. The first page, requesting establishment data for items such as employment and payroll, was standard but did not contain the detailed statistics included on the ASM form. The product, material, and special inquiry sections supplied were based on the historical industry classification of the establishment.
- c. Small single-establishment companies (non-ASM). This group includes approximately 15 percent of all manufacturing establishments. For those industries where application of the variable cutoff for administrative-record cases resulted in a large number of small establishments being included in the mail canvass, an abbreviated “short form” was used. These establishments received 1 of the 31 versions of the short form, which requested summary product and material data and totals but no details on employment, payroll, cost of materials, inventories, and capital expenditures.

Use of the short form has no adverse effect on published totals for the industry statistics, because the same data were collected on the short form as on the long form. However, detailed information on products and materials consumed was not collected on the short form; thus, its use would increase the value of the “not specified by kind” (nsk) categories.

## 2. Establishments not sent a report form:

- a. Small single-establishment companies not sent a report form. Approximately 40 percent of the manufacturing establishments were small single-establishment companies that were excused from filing a census report. Selection of these establishments was based on two factors: annual payroll and the Census Bureau’s ability to assign the correct six-digit NAICS industry classification to the establishment. For each six-digit NAICS industry code, an annual payroll cutoff was determined. These cutoffs were derived so that the establishments with payroll less than the cutoff were expected to account for no more than 3 percent of the value of shipments for the industry. Generally, all single-establishment companies with less than 5 employees were excused, while all establishments with more than 20 employees were mailed forms. Establishments below the cutoff that could not be directly assigned a six-digit NAICS code were mailed a classification report that requested information for assigning NAICS industry codes. Establishments below the cutoff that could be directly assigned a six-digit NAICS code were excused from filing any report. For below cutoff establishments, information on the physical location, payroll, and receipts was obtained from the administrative records of other federal agencies under special arrangements that safeguarded their confidentiality.

Estimates of data for these small establishments were developed using industry averages in conjunction with the administrative information. The value of shipments and cost of materials were not distributed among specific products and materials for these establishments, but were included in the product and material “not specified by kind” (nsk) categories.

The industry classification codes included in the administrative-record files were assigned on the basis of brief descriptions of the general activity of the establishment. As a result, an indeterminate number of establishments were erroneously coded to a six-digit NAICS industry. This was especially true whenever there was a relatively fine line of demarcation between industries or between manufacturing and nonmanufacturing activity.

Sometimes the administrative-record cases had only two- or three-digit NAICS group classification codes available in the files. For manufacturing, these establishments were sent a

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separate classification form, which requested information on the products and services of the establishment. This form was used to code many of these establishments to the appropriate six-digit NAICS level. Establishments that did not return the classification form were coded later to those six-digit NAICS industries identified as “All other” industries within the given subsector.

As a result of these situations, a number of small establishments may have been misclassified by industry. However, such possible misclassification has no significant effect on the statistics, other than on the number of companies and establishments.

The total establishment count for individual industries should be viewed as an approximation rather than a precise measurement. The counts for establishments with 20 employees or more are far more reliable than the count of total number of establishments.

- b. All nonemployers, i.e., all firms subject to federal income tax, with no paid employees, during 2002 are excluded as in previous censuses. Data for nonemployers are not included in this report, but are released in the annual *Nonemployer Statistics* series.

The report forms used to collect information for establishments in this sector are available at [help.econ.census.gov/econhelp/resources/](http://help.econ.census.gov/econhelp/resources/).

A more detailed examination of census methodology is presented in the *History of the Economic Census* at [www.census.gov/econ/www/history.html](http://www.census.gov/econ/www/history.html).

## **INDUSTRY CLASSIFICATION OF ESTABLISHMENTS**

The classifications for all establishments covered in the 2002 Economic Census — Manufacturing are classified in 1 of 473 industries in accordance with the industry definitions in the *North American Industry Classification System (NAICS), United States, 2002* manual. There were no changes between the 2002 edition and the 1997 edition affecting this sector. When applicable, Appendix F of this report shows the product class and product comparability between the two systems for data in this report.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector for 2002, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they originate. There are 1,450 product classes (seven-digit codes), 5,674 census products, and an additional 3,746 ten-digit product codes. The ten-digit products are considered the primary products of the industry with the same first six digits.

For the 2002 Economic Census — Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. For 2002, there were no “resistance rules” or “frozen industries.”

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior year is significant or if the change has occurred for 2 successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.

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The results of these rules covering the switching of plants from one industry classification to another are that some industries comprise different mixes of establishments in different survey years. Hence, comparisons between prior-year and current-year published totals, particularly at the six-digit NAICS level, should be viewed with caution. This is particularly true for the comparison between the data shown for a census year versus the data shown for the previous ASM year.

As previously noted, the small establishments that may have been misclassified by industry are usually administrative-record cases whose industry codes were assigned on the basis of incomplete descriptions of the general activity of the establishment. Such possible misclassifications have no significant effect on the statistics other than on the number of companies and establishments.

Establishments frequently make products classified both in their industry (primary products) and other industries (secondary products). Industry statistics (employment, payroll, value added by manufacture, value of shipments, etc.) reflect the activities of the establishments that may make both primary and secondary products. Product statistics, however, represent the output of all establishments without regard for the classification of the producing establishment. For this reason, when relating the industry statistics, especially the value of shipments, to the product statistics, the composition of the industry's output should be considered.

The extent to which industry and product statistics may be matched with each other is measured by the primary product specialization ratio and the coverage ratio. The primary product specialization ratio is the proportion of industry shipments accounted for by the primary products of establishments classified in the industry. The coverage ratio is the proportion of product shipments accounted for by establishments classified in the industry.

#### **ESTABLISHMENT BASIS OF REPORTING**

The 2002 Economic Census — Manufacturing is conducted on an establishment basis. A company operating at more than one location is required to file a separate report for each location or establishment. The ASM also is conducted on an establishment basis, but separate reports are filed for just those establishments selected in the sample. Companies engaged in distinctly different lines of activity at one location are requested to submit separate reports, if the plant records permit such a separation and if the activities are substantial in size.

In 2002, as in earlier years, a minimum size limit was set for inclusion of establishments in the census. All establishments employing one person or more at any time during the census year are included. The same size limitation has applied since 1947 in censuses and annual surveys of manufactures. In the 1939 and earlier censuses, establishments with less than \$5,000 value of products were excluded. The change in the minimum size limit in 1947 does not appreciably affect the historical comparability of the census figures, except for data on number of establishments for a few industries.

The 2002 Economic Census — Manufacturing excludes data for central administrative offices (CAOs). These would include separately operated administrative offices, warehouses, garages, and other auxiliary units that service manufacturing establishments of the same company. These data are published in a separate report series.

#### **DESCRIPTION OF THE ASM SURVEY SAMPLE**

The ASM sample is drawn for the second survey year after a census. The most recent sample was drawn for the 1999 survey year based on the 1997 Economic Census — Manufacturing. This sample will be in place through the 2003 ASM.

In 1997, there were approximately 370,000 individual manufacturing establishments. For sample efficiency and cost considerations, the establishments in the 1997 manufacturing population were partitioned into two components for developing estimates within the ASM. The details of each are described below:

1. Mail stratum. The mail stratum of the survey is comprised of larger single-location manufacturing companies and all manufacturing establishments of multiunit companies (companies

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that operate at more than one physical location). Approximately 200,000 of the 370,000 establishments in the 1997 census were assigned to the mail stratum. On an annual basis, the mail stratum is supplemented with larger, newly active single-location companies identified from a list provided by the Internal Revenue Service (IRS) and new manufacturing locations of multiunit companies identified from the Census Bureau's Company Organization Survey (COS).

For the 1999 survey, a new sample of approximately 58,000 individual establishments was selected from the mail stratum assembled from the 1997 census. Supplemental samples representing both 1998 and 1999 births (newly active establishments that were not included in the 1997 census) were also selected. Establishments selected for the sample are mailed an ASM survey questionnaire for each year through 2003.

The 1999-2003 ASM sample design is similar to the one used since 1984. Companies in the 1997 Economic Census — Manufacturing with manufacturing shipments of at least \$500 million were defined as company certainties. For these large companies, each manufacturing establishment is included in the mail sample. For the 1999-2003 sample, there are approximately 500 certainty companies collectively accounting for over 18,000 establishments.

For the remaining portion of the mail component of the survey, the establishment was defined as the sample unit. All establishments with 250 employees or more were defined as employment certainties. Across these arbitrary certainty classes, there were approximately 25,000 establishments included in the sample with certainty. Collectively, these certainty establishments accounted for approximately 80 percent of the total value of shipments in the 1997 Economic Census — Manufacturing.

Smaller establishments in the remaining portion of the mail stratum were sampled with probabilities ranging from .02 to 1.00. The initial probabilities of selection assigned to these establishments were proportionate to a measure-of-size determined for each establishment. The measure-of-size was a function of the establishment's 1997 industry classification and its 1997 product class data. For each product class (1,755) and six-digit industry (473), a desired reliability constraint was specified. Using a technique developed by Dr. James R. Chromy of the Research Triangle Institute, the initial establishment probabilities were optimized such that the expected sample satisfied all industry and product class reliability constraints, while the sample size was minimized. This technique reduces the likelihood of selecting nonrepresentative samples for individual product classes or industries.

This method of assigning probabilities based on product class shipments is motivated by the Census Bureau's primary desire to produce reliable estimates of both product class and industry shipments. The high correlation between shipments and employment, value-added, and other general statistics assures that these variables will also be well represented by the sample. The actual sample selection procedure uses an independent chance of selection method (Poisson sampling) that permits us to prevent small establishments from being selected in consecutive samples without introducing a bias into the survey estimates.

2. Nonmail stratum. The initial nonmail component of the survey was comprised of approximately 170,000 small, single-establishment companies that were tabulated as administrative records in the 1997 Economic Census — Manufacturing. The nonmail stratum is also supplemented annually using the list of newly active single-location companies provided by the Internal Revenue Service (IRS) and payroll cutoffs. Companies with payroll below the payroll cutoff are added to the nonmail stratum. For this portion of the population, sampling is not used. The data for this group are estimated based on selected information obtained annually from the administrative records of the IRS and Social Security Administration (SSA). This administrative information, which includes payroll, total employment, industry classification, and physical location, is obtained under conditions which safeguard the confidentiality of both tax and census records.

## **RELIABILITY OF DATA**

All data compiled in the economic census are subject to nonsampling errors. Nonsampling errors can be attributed to many sources during the development or execution of the census. The following are two ways that further explain this method: ASM Estimating Procedure. Most of the ASM

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estimates derived for the mail stratum are computed using a difference estimator. At the establishment level, there is a strong correlation between the current-year data values and the corresponding 1997 (base) data values. Therefore, within the mailed stratum, for each item at each level of aggregation, an estimate of the “difference” between the current year and the base year is computed from sample cases and added to the corresponding base-year values. For the 1998-2002 ASM estimates, the 1997 Economic Census — Manufacturing values serve as the base year. For the 2003 ASM, the base will be updated to be the 2002 Economic Census — Manufacturing.

Due to the positive year-to-year correlation, estimates derived using this methodology are generally more reliable than comparable estimates developed from the current sample data alone. Estimates for the capital expenditures variables are not generated using the difference estimator because the year-to-year correlations are considerably weaker. The standard linear estimator is used for these variables.

For the nonmail stratum, estimates for payroll and employment are directly tabulated from the administrative-record data provided by IRS and SSA. Estimates of data other than payroll and employment are developed from industry averages. Although the nonmail stratum contained approximately 170,000 individual establishments in 1999, it accounts for less than 2 percent of the estimate for total value of shipments at the total manufacturing level.

Corresponding estimates for the mail and nonmail components are combined to produce the estimates included in this publication. ASM Data Qualifications. The estimates developed from the sample are apt to differ somewhat from the results of a survey covering all companies in the sample lists, but otherwise conducted under essentially the same conditions as the actual sample survey. The estimates of the magnitude of the sampling errors (the difference between the estimates obtained and the results theoretically obtained from a comparable, complete-coverage survey) are provided by the standard errors of estimates.

The particular sample selected for the ASM is one of many similar probability samples that, by chance, might have been selected under the same specifications. Each of the possible samples would yield somewhat different sets of results, and the standard errors are measures of the variation of all the possible sample estimates around the theoretically comparable, complete-coverage values.

Estimates of the standard errors have been computed from the sample data for selected ASM statistics in this report. They are represented in the form of relative standard errors (the standard errors divided by the estimated values to which they refer).

In conjunction with its associated estimate, the relative standard error may be used to define confidence intervals (ranges that would include the comparable, complete-coverage value for specified percentages of all the possible samples).

The complete-coverage value would be included in the range:

- From one standard error below to one standard error above the derived estimate for about two-thirds of all possible samples.
- From two standard errors below to two standard errors above the derived estimate for about 19 out of 20 of all possible samples.
- From three standard errors below to three standard errors above the derived estimate for nearly all samples.

An inference that the comparable, complete-survey result would be within the indicated ranges would be correct in approximately the relative frequencies shown. Those proportions, therefore, may be interpreted as defining the confidence that the estimates from a particular sample would differ from complete-coverage results by as much as one, two, or three standard errors, respectively.

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For example, suppose an estimated total is shown at 50,000 with an associated relative standard error of 2 percent, that is, a standard error of 1,000 (2 percent of 50,000). There is approximately 67 percent confidence that the interval 49,000 to 51,000 includes the complete-coverage total, about 95 percent confidence that the interval 48,000 to 52,000 includes the complete-coverage total, and almost certain confidence that the interval 47,000 to 53,000 includes the complete-coverage total.

In addition to the sample errors, the estimates are subject to various response and operational errors: errors of collection, reporting, coding, transcription, imputation for nonresponse, etc. These operational errors also would occur if a complete canvass were to be conducted under the same conditions as the survey. Explicit measures of their effects generally are not available. However, it is believed that most of the important operational errors were detected and corrected during the Census Bureau's review of the data for reasonableness and consistency. The small operational errors usually remain. To some extent, they are compensating in the aggregated totals shown. When important operational errors were detected too late to correct the estimates, the data were suppressed or were specifically qualified in the tables.

As derived, the estimated standard errors included part of the effect of the operational errors. The total errors, which depend upon the joint effect of the sampling and operational errors, are usually of the order of size indicated by the standard error, or moderately higher. However, for particular estimates, the total error may considerably exceed the standard errors shown. Any figures shown in the tables in this publication having an associated standard error exceeding 15 percent may be combined with higher level totals, creating a broader aggregate, which then may be of acceptable reliability.

#### **DUPLICATION IN COST OF MATERIALS AND VALUE OF SHIPMENTS**

Data for cost of materials and value of shipments include varying amounts of duplication, especially at higher levels of aggregation. This is because the products of one establishment may be the materials of another. The value added statistics avoid this duplication and are, for most purposes, the best measure for comparing the relative economic importance of industries and geographic areas.

#### **VALUE OF INDUSTRY SHIPMENTS COMPARED WITH VALUE OF PRODUCT SHIPMENTS**

The 2002 Economic Census — Manufacturing shows value of shipments data for industries and products. In the industry statistics tables and files, these data represent the total value of shipments of all establishments classified in a particular industry. The data include the shipments of the products classified in the industry (primary to the industry), products classified in other industries (secondary to the industry), and miscellaneous receipts (repair work, sale of scrap, research and development, installation receipts, and resales). Value of product shipments shown in the products statistics tables and files represent the total value of all products shipped that are classified as primary to an industry regardless of the classification of the producing establishment.

#### **DISCLOSURE**

In accordance with federal law governing census reports (Title 13 of the United States Code), no data are published that would disclose the operations of an individual establishment or company. However, the number of establishments in a specific industry or geographic area is not considered a disclosure; therefore, this information may be released even though other information is withheld. Techniques employed to limit disclosure are discussed at [www.census.gov/epcd/ec02/disclosure.htm](http://www.census.gov/epcd/ec02/disclosure.htm).

The disclosure analysis for the industry statistics files is based on the total value of shipments. When the total value of shipments cannot be shown without disclosing information for individual companies, the complete line is suppressed except for capital expenditures. Nonetheless, the suppressed data are included in higher-level totals. A separate disclosure analysis is performed for capital expenditures, which can be suppressed even though value of shipments data are published.



# Appendix D.

## Geographic Notes

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### PENNSYLVANIA

**Albion** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Erie County.

**Ashland** is in Columbia and Schuylkill Counties.

**Barnesboro** (04200), which was tabulated separately in 1997, merged with Spangler, which was not tabulated separately, to form Northern Cambria in January 2000. This change deletes territory from the Balance of Cambria County.

**Bath** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Northampton County.

**Bethlehem city** is in Lehigh and Northampton Counties.

**Carroll Valley** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Adams County.

**Cecil** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Washington County.

**Chester Heights** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Delaware County.

**Coaldale** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Schuylkill County.

**Colwyn** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Delaware County.

**Concord** (Delaware County) is now tabulated separately due to a population increase. This change deletes territory from the Balance of Delaware County.

**Coolbaugh** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Monroe County.

**Darby** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Delaware County.

**East McKeesport** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Allegheny County.

**Ellwood City** is in Beaver and Lawrence Counties.

**Fairview** (Erie County) is now tabulated separately due to a population increase. This change deletes territory from the Balance of Erie County.

**Franconia** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Montgomery County.

**Jefferson Hills** (37955) changed name and code from Jefferson (37816) in November 1998.

**Leechburg** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Armstrong County.

**Marcus Hook** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Delaware County.

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**Meyersdale** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Somerset County.

**Middle Smithfield** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Monroe County.

**Mount Pocono** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Monroe County.

**New Britain borough** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Bucks County.

**Newtown** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Bucks County.

**New Wilmington** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Lawrence County.

**Northern Cambria** was formed from the merger of Barnesboro and Spangler in January 2000; Barnesboro (04200) was tabulated separately in 1997. This change deletes territory from the Balance of Cambria County.

**North Middleton** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Cumberland County.

**North Strabane** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Washington County.

**Penn-del** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Bucks County.

**Plumstead** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Bucks County.

**Rankin** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Allegheny County.

**Roaring Spring** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Blair County.

**Salisbury** (Lancaster County) is now tabulated separately due to a population increase. This change deletes territory from the Balance of Lancaster County.

**Shippensburg** is in Cumberland and Franklin Counties.

**Silver Spring** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Cumberland County.

**Sinking Spring** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Berks County.

**Telford** is in Bucks and Montgomery Counties.

**Trafford** is in Allegheny and Westmoreland Counties.

**Trappe** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Montgomery County.

**Upper Providence** (Delaware County) is now tabulated separately due to a population increase. This change deletes territory from the Balance of Delaware County.

**Warwick** (Bucks County) is now tabulated separately due to a population increase. This change deletes territory from the Balance of Bucks County.

**West Grove** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Chester County.



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**Wyomissing Hills** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Berks County.

**Balance of Adams County** no longer includes Carroll Valley, which is tabulated separately due to a population increase.

**Balance of Allegheny County** includes East McKeesport and Rankin, which are no longer tabulated separately due to a population decrease.

**Balance of Armstrong County** includes Leechburg, which is no longer tabulated separately due to a population decrease.

**Balance of Berks County** no longer includes Sinking Spring and Wyomissing Hills, which are tabulated separately due to a population increase.

**Balance of Blair County** includes Roaring Spring, which is no longer tabulated separately due to a population decrease.

**Balance of Bucks County** includes Newtown and Penndel, which are no longer tabulated separately due to a population decrease; and no longer includes New Britain, and Plumstead and Warwick, which are tabulated separately due to a population increase.

**Balance of Cambria County** lost territory due to the merger of Barnesboro and Spangler to form Northern Cambria.

**Balance of Chester County** no longer includes West Grove, which is tabulated separately due to a population increase.

**Balance of Cumberland County** no longer includes North Middleton and Silver Spring, which are tabulated separately due to a population increase.

**Balance of Delaware County** includes Chester Heights, Colwyn, and Marcus Hook, and Darby which are no longer tabulated separately due to a population decrease; and no longer includes Concord and Upper Providence, which are tabulated separately due to a population increase.

**Balance of Erie County** includes Albion, which is no longer tabulated separately due to a population decrease and no longer includes Fairview, which is tabulated separately due to a population increase.

**Balance of Lancaster County** no longer includes Salisbury, which is tabulated separately due to a population increase.

**Balance of Lawrence County** includes New Wilmington, which is no longer tabulated separately due to a population decrease.

**Balance of Monroe County** no longer includes Coolbaugh and Middle Smithfield, and Mount Pocono, which are tabulated separately due to a population increase.

**Balance of Montgomery County** no longer includes Franconia and Trappe, which are tabulated separately due to a population increase.

**Balance of Northampton County** no longer includes Bath, which is tabulated separately due to a population increase.

**Balance of Schuylkill County** includes Coaldale, which is no longer tabulated separately due to a population decrease.

**Balance of Somerset County** includes Meyersdale, which is no longer tabulated separately due to a population decrease.

**Balance of Washington County** includes Cecil, which is no longer tabulated separately due to a population decrease and no longer includes North Strabane, which is tabulated separately due to a population increase.

# Appendix E.

## Metropolitan and Micropolitan Statistical Areas

### **HARRISBURG-CARLISLE-LEBANON, PA COMBINED STATISTICAL AREA**

#### **Harrisburg-Carlisle, PA Metropolitan Statistical Area**

Cumberland County, PA

Dauphin County, PA

Perry County, PA

#### **Lebanon, PA Metropolitan Statistical Area**

Lebanon County, PA

### **NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA**

#### **Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area**

Fairfield County, CT

#### **Kingston, NY Metropolitan Statistical Area**

Ulster County, NY

#### **New Haven-Milford, CT Metropolitan Statistical Area**

New Haven County, CT

#### **New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area**

##### ***Edison, NJ Metropolitan Division***

Middlesex County, NJ

Monmouth County, NJ

Ocean County, NJ

Somerset County, NJ

##### ***Newark-Union, NJ-PA Metropolitan Division***

Essex County, NJ

Hunterdon County, NJ

Morris County, NJ

Sussex County, NJ

Union County, NJ

Pike County, PA

##### ***New York-Wayne-White Plains, NY-NJ Metropolitan Division***

Bergen County, NJ

Hudson County, NJ

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Passaic County, NJ  
Bronx County, NY  
Kings County, NY  
New York County, NY  
Putnam County, NY  
Queens County, NY  
Richmond County, NY  
Rockland County, NY  
Westchester County, NY

***Suffolk County-Nassau County, NY Metropolitan Division***

Suffolk County, NY  
Nassau County, NY

***Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area***

Dutchess County, NY  
Orange County, NY

***Torrington, CT Micropolitan Statistical Area***

Litchfield County, CT

***Trenton-Ewing, NJ Metropolitan Statistical Area***

Mercer County, NJ

**PHILADELPHIA-CAMDEN-VINELAND, PA-NJ-DE-MD COMBINED STATISTICAL AREA**

***Philadelphia-Camden-Wilmington, PA-NJ-DE-MD Metropolitan Statistical Area***

***Camden, NJ Metropolitan Division***

Burlington County, NJ  
Camden County, NJ  
Gloucester County, NJ

***Philadelphia, PA Metropolitan Division***

Bucks County, PA  
Chester County, PA  
Delaware County, PA  
Montgomery County, PA  
Philadelphia County, PA

***Wilmington, DE-MD-NJ Metropolitan Division***

New Castle County, DE  
Cecil County, MD  
Salem County, NJ

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**Vineland-Millville-Bridgeton, NJ Metropolitan Statistical Area**

Cumberland County, NJ

**PITTSBURGH-NEW CASTLE, PA COMBINED STATISTICAL AREA**

**New Castle, PA Micropolitan Statistical Area**

Lawrence County, PA

**Pittsburgh, PA Metropolitan Statistical Area**

Allegheny County, PA

Armstrong County, PA

Beaver County, PA

Butler County, PA

Fayette County, PA

Washington County, PA

Westmoreland County, PA

**SUNBURY-LEWISBURG-SELINGSGROVE, PA COMBINED STATISTICAL AREA**

**Lewisburg, PA Micropolitan Statistical Area**

Union County, PA

**Selinsgrove, PA Micropolitan Statistical Area**

Snyder County, PA

**Sunbury, PA Micropolitan Statistical Area**

Northumberland County, PA

**WILLIAMSPORT-LOCK HAVEN, PA COMBINED STATISTICAL AREA**

**Lock Haven, PA Micropolitan Statistical Area**

Clinton County, PA

**Williamsport, PA Metropolitan Statistical Area**

Lycoming County, PA

**YORK-HANOVER-GETTYSBURG, PA COMBINED STATISTICAL AREA**

**Gettysburg, PA Micropolitan Statistical Area**

Adams County, PA

**York-Hanover, PA Metropolitan Statistical Area**

York County, PA

**YOUNGSTOWN-WARREN-EAST LIVERPOOL, OH-PA COMBINED STATISTICAL AREA**

**East Liverpool-Salem, OH Micropolitan Statistical Area**

Columbiana County, OH

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**Youngstown-Warren-Boardman, OH-PA Metropolitan Statistical Area**

Mahoning County, OH

Trumbull County, OH

Mercer County, PA

**ALLENTOWN-BETHLEHEM-EASTON, PA-NJ METROPOLITAN STATISTICAL AREA**

Warren County, NJ

Carbon County, PA

Lehigh County, PA

Northampton County, PA

**ALTOONA, PA METROPOLITAN STATISTICAL AREA**

Blair County, PA

**BLOOMSBURG-BERWICK, PA MICROPOLITAN STATISTICAL AREA**

Columbia County, PA

Montour County, PA

**BRADFORD, PA MICROPOLITAN STATISTICAL AREA**

McKean County, PA

**CHAMBERSBURG, PA MICROPOLITAN STATISTICAL AREA**

Franklin County, PA

**DUBOIS, PA MICROPOLITAN STATISTICAL AREA**

Clearfield County, PA

**EAST STROUDSBURG, PA MICROPOLITAN STATISTICAL AREA**

Monroe County, PA

**ERIE, PA METROPOLITAN STATISTICAL AREA**

Erie County, PA

**HUNTINGDON, PA MICROPOLITAN STATISTICAL AREA**

Huntingdon County, PA

**INDIANA, PA MICROPOLITAN STATISTICAL AREA**

Indiana County, PA

**JOHNSTOWN, PA METROPOLITAN STATISTICAL AREA**

Cambria County, PA

**LANCASTER, PA METROPOLITAN STATISTICAL AREA**

Lancaster County, PA

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**LEWISTOWN, PA MICROPOLITAN STATISTICAL AREA**

Mifflin County, PA

**MEADVILLE, PA MICROPOLITAN STATISTICAL AREA**

Crawford County, PA

**OIL CITY, PA MICROPOLITAN STATISTICAL AREA**

Venango County, PA

**POTTSVILLE, PA MICROPOLITAN STATISTICAL AREA**

Schuylkill County, PA

**READING, PA METROPOLITAN STATISTICAL AREA**

Berks County, PA

**ST. MARYS, PA MICROPOLITAN STATISTICAL AREA**

Elk County, PA

**SAYRE, PA MICROPOLITAN STATISTICAL AREA**

Bradford County, PA

**SCRANTON--WILKES-BARRE, PA METROPOLITAN STATISTICAL AREA**

Lackawanna County, PA

Luzerne County, PA

Wyoming County, PA

**SOMERSET, PA MICROPOLITAN STATISTICAL AREA**

Somerset County, PA

**STATE COLLEGE, PA METROPOLITAN STATISTICAL AREA**

Centre County, PA

**WARREN, PA MICROPOLITAN STATISTICAL AREA**

Warren County, PA

