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2002 Economic Census

Manufacturing

Geographic Area Series



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Introduction to the Economic Census

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).

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) 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

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. 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.

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Manufacturing

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

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.

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.

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. 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.

-
- 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.

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.

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.

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

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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK													
31-33	Manufacturing	1	21 066	5 426	641 434	25 373 757	428 589	834 656	13 555 971	83 874 558	63 406 396	147 317 463	4 172 544
311	Food manufacturing	2	2 127	436	50 012	1 591 864	33 788	65 558	950 069	6 716 978	7 221 945	13 938 496	320 804
3111	Animal food manufacturing	-	48	21	1 756	67 755	1 197	2 504	40 857	559 876	537 082	1 092 495	20 997
31111	Animal food manufacturing	-	48	21	1 756	67 755	1 197	2 504	40 857	559 876	537 082	1 092 495	20 997
311111	Dog and cat food manufacturing	-	7	5	642	28 100	500	1 050	19 548	399 405	253 111	648 529	15 543
311119	Other animal food manufacturing	-	41	16	1 114	39 655	697	1 454	21 309	160 471	283 971	443 966	5 454
3112	Grain and oilseed milling	-	20	8	865	44 927	669	1 538	33 255	541 433	341 600	881 759	15 119
31121	Flour milling and malt manufacturing	-	16	6	e	D	D	D	D	D	D	D	D
311211	Flour milling	-	15	6	e	D	D	D	D	D	D	D	2 781
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	5	131	25	3 454	125 494	2 698	5 704	78 664	333 821	780 878	1 112 945	17 317
31131	Sugar manufacturing	9	6	3	e	D	D	D	D	D	D	D	D
311312	Cane sugar refining	9	6	3	e	D	D	D	D	D	D	D	D
31132	Chocolate and confectionery manufacturing from cacao beans	-	19	3	551	26 716	455	958	21 343	38 724	143 528	181 416	D
311320	Chocolate and confectionery manufacturing from cacao beans	-	19	3	551	26 716	455	958	21 343	38 724	143 528	181 416	D
31133	Confectionery manufacturing from purchased chocolate	1	72	12	1 892	49 806	1 500	3 168	30 644	125 385	127 824	249 842	7 272
311330	Confectionery manufacturing from purchased chocolate	1	72	12	1 892	49 806	1 500	3 168	30 644	125 385	127 824	249 842	7 272
31134	Nonchocolate confectionery manufacturing	3	34	7	f	D	D	D	D	D	D	D	1 037
311340	Nonchocolate confectionery manufacturing	3	34	7	f	D	D	D	D	D	D	D	1 037
3114	Fruit and vegetable preserving and specialty food manufacturing	3	103	49	7 131	230 788	5 500	11 060	145 732	1 553 299	1 287 606	2 843 691	69 138
31141	Frozen food manufacturing	2	42	22	2 842	83 433	2 316	4 396	52 834	437 078	338 286	780 047	18 751
311411	Frozen fruit, juice, and vegetable manufacturing ...	1	14	9	1 039	25 909	838	1 493	15 734	190 702	157 779	353 382	8 566
311412	Frozen specialty food manufacturing	4	28	13	1 803	57 524	1 478	2 903	37 100	246 376	180 507	426 665	10 185
31142	Fruit and vegetable canning, pickling, and drying	3	61	27	4 289	147 355	3 184	6 664	92 898	1 116 221	949 320	2 063 644	50 387
311421	Fruit and vegetable canning ..	3	49	23	3 746	128 988	2 769	5 703	80 730	977 240	874 778	1 851 579	45 692
311422	Specialty canning	3	7	2	419	13 740	321	756	9 267	124 120	63 000	187 269	3 950
311423	Dried and dehydrated food manufacturing	2	5	2	124	4 627	94	205	2 901	14 861	11 542	24 796	745
3115	Dairy product manufacturing	-	112	52	6 828	246 279	5 109	10 242	170 820	911 859	2 076 969	3 002 325	77 847
31151	Dairy product (except frozen) manufacturing	-	79	46	5 763	211 155	4 331	8 676	149 015	846 837	1 996 368	2 853 623	74 881
311511	Fluid milk manufacturing	-	37	26	2 890	114 374	1 892	3 977	71 474	429 247	850 859	1 278 025	32 538
311513	Cheese manufacturing	-	30	16	2 345	77 913	2 050	3 905	64 082	375 844	975 074	1 362 108	38 974
311514	Dry, condensed, and evaporated dairy product manufacturing	2	10	4	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	2	33	6	1 065	35 124	778	1 566	21 805	65 022	80 601	148 702	2 966
311520	Ice cream and frozen dessert manufacturing	2	33	6	1 065	35 124	778	1 566	21 805	65 022	80 601	148 702	2 966
3116	Animal slaughtering and processing	2	154	41	4 118	122 266	3 276	6 729	81 912	334 825	685 685	1 019 750	22 697
31161	Animal slaughtering and processing	2	154	41	4 118	122 266	3 276	6 729	81 912	334 825	685 685	1 019 750	22 697
311611	Animal (except poultry) slaughtering	4	51	7	713	18 671	602	1 295	13 534	35 352	226 066	261 900	8 480
311612	Meat processed from carcasses	2	78	26	2 733	88 165	2 085	4 222	55 935	256 460	406 953	662 363	7 562
311615	Poultry processing	1	20	7	598	13 160	555	1 140	11 407	35 837	49 650	85 211	D
3117	Seafood product preparation and packaging	2	16	5	669	18 172	497	806	9 634	30 259	47 758	77 997	1 114
31171	Seafood product preparation and packaging	2	16	5	669	18 172	497	806	9 634	30 259	47 758	77 997	1 114
311711	Seafood canning	-	5	1	e	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	4	11	4	c	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	1 316	168	18 346	504 769	10 197	17 845	264 408	1 481 377	725 786	2 205 940	56 872
31181	Bread and bakery product manufacturing	3	1 243	152	16 626	444 064	8 927	15 188	226 644	1 267 892	559 515	1 826 197	47 421
311811	Retail bakeries	4	885	73	6 070	100 627	3 112	4 387	50 506	199 455	103 706	303 586	6 611
311812	Commercial bakeries	3	337	70	9 946	325 948	5 318	9 795	164 610	1 012 750	407 356	1 419 913	38 661
311813	Frozen cakes, pies, and other pastries manufacturing	5	21	9	610	17 489	497	1 006	11 528	55 687	48 453	102 698	2 149

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing—Con.												
31182	Cookie, cracker, and pasta manufacturing	4	70	15	g	D	D	D	D	D	D	D	
311821	Cookie and cracker manufacturing	2	24	8	1 194	43 435	902	1 839	26 711	135 516	62 481	198 080	3 774
311822	Flour mixes and dough manufacturing from purchased flour	5	20	7	397	13 187	278	629	8 374	61 389	85 347	146 623	4 623
3119	Other food manufacturing	2	227	67	6 845	231 414	4 645	9 130	124 787	970 229	738 581	1 701 594	39 703
31191	Snack food manufacturing	—	16	6	1 108	28 859	822	1 370	18 860	236 344	117 332	352 117	11 001
311911	Roasted nuts and peanut butter manufacturing	—	4	1	124	4 490	81	174	2 237	12 072	26 410	37 106	447
311919	Other snack food manufacturing	—	12	5	984	24 369	741	1 196	16 623	224 272	90 922	315 011	10 554
31192	Coffee and tea manufacturing	3	22	12	712	31 618	446	985	15 471	112 590	103 097	216 239	4 377
311920	Coffee and tea manufacturing	3	22	12	712	31 618	446	985	15 471	112 590	103 097	216 239	4 377
31193	Flavoring syrup and concentrate manufacturing	6	14	6	409	15 710	304	631	9 185	73 383	41 533	114 533	3 277
311930	Flavoring syrup and concentrate manufacturing	6	14	6	409	15 710	304	631	9 185	73 383	41 533	114 533	3 277
31194	Seasoning and dressing manufacturing	2	37	12	1 076	48 782	713	1 563	24 657	241 361	196 599	432 606	7 579
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	1	18	7	639	24 508	495	1 103	15 912	170 449	133 562	303 594	5 686
311942	Spice and extract manufacturing	4	19	5	437	24 274	218	460	8 745	70 912	63 037	129 012	1 893
31199	All other food manufacturing	2	138	31	3 540	106 445	2 360	4 581	56 614	306 551	280 020	586 099	13 469
311991	Perishable prepared food manufacturing	—	43	14	1 416	39 412	981	2 026	21 618	96 646	98 515	194 998	2 499
311999	All other miscellaneous food manufacturing	3	95	17	2 124	67 033	1 379	2 555	34 996	209 905	181 505	391 101	10 970
312	Beverage and tobacco product manufacturing	2	168	41	7 672	303 907	3 989	7 833	132 575	1 397 404	1 515 721	2 910 775	169 900
3121	Beverage manufacturing	2	163	40	i	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	3	75	26	4 459	162 901	2 202	4 433	70 828	696 762	1 009 237	1 703 848	78 818
312111	Soft drink manufacturing	3	37	20	3 969	148 682	1 917	3 910	64 867	649 119	978 275	1 624 925	74 229
312112	Bottled water manufacturing	2	13	4	278	8 612	174	325	3 759	29 588	26 984	56 813	3 624
312113	Ice manufacturing	6	25	2	212	5 607	111	198	2 202	18 055	3 978	22 110	965
31212	Breweries	—	18	5	1 643	77 230	1 095	2 177	45 073	465 233	372 753	839 943	D
312120	Breweries	—	18	5	1 643	77 230	1 095	2 177	45 073	465 233	372 753	839 943	D
31213	Wineries	2	69	9	g	D	D	D	D	D	D	D	D
312130	Wineries	2	69	9	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	9	5	1	c	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	9	5	1	c	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	9	5	1	c	D	D	D	D	D	D	D	D
313	Textile mills	4	'416	108	'9 169	'284 833	7 113	14 015	178 030	'825 671	'1 079 526	'1 919 796	29 612
3131	Fiber, yarn, and thread mills	3	21	4	220	6 201	157	301	3 127	11 263	25 127	36 522	619
31311	Fiber, yarn, and thread mills	3	21	4	220	6 201	157	301	3 127	11 263	25 127	36 522	619
3132	Fabric mills	3	166	41	3 774	116 956	3 007	5 910	77 510	337 133	361 036	701 734	13 890
31321	Broadwoven fabric mills	3	60	11	1 027	31 676	833	1 605	20 994	112 413	113 789	226 962	5 654
313210	Broadwoven fabric mills	3	60	11	1 027	31 676	833	1 605	20 994	112 413	113 789	226 962	5 654
31322	Narrow fabric mills and schiffli machine embroidery	1	26	3	329	9 639	239	506	5 587	18 957	10 647	30 244	519
313221	Narrow fabric mills	1	17	2	224	6 880	150	303	3 418	14 372	8 114	22 851	403
313222	Schiffli machine embroidery	3	9	1	105	2 759	89	203	2 169	4 585	2 533	7 393	116
31323	Nonwoven fabric mills	2	24	12	925	37 433	679	1 383	24 157	113 229	111 982	225 091	4 406
313230	Nonwoven fabric mills	2	24	12	925	37 433	679	1 383	24 157	113 229	111 982	225 091	4 406
31324	Knit fabric mills	4	56	15	1 493	38 208	1 256	2 416	26 772	92 534	124 618	219 437	3 311
313241	Weft knit fabric mills	1	26	4	659	16 698	575	1 097	12 785	41 189	53 119	96 933	1 696
313249	Other knit fabric and lace mills	6	30	11	834	21 510	681	1 319	13 987	51 345	71 499	122 504	1 615
3133	Textile and fabric finishing and fabric coating mills	4	'229	63	'5 175	'161 676	3 949	7 804	97 393	'477 275	'693 363	'1 181 540	15 103
31331	Textile and fabric finishing mills	4	'213	57	'4 847	'147 247	3 743	7 437	90 751	'437 546	'640 281	'1 084 487	12 080
313311	Broadwoven fabric finishing mills	4	'160	43	'3 700	'114 577	2 814	5 667	68 538	'362 823	'539 171	'909 994	8 918
313312	Textile and fabric finishing (except broadwoven fabric) mills	5	53	14	1 147	32 670	929	1 770	22 213	74 723	101 110	174 493	3 162
31332	Fabric coating mills	—	16	6	328	14 429	206	367	6 642	39 729	53 082	97 053	3 023
313320	Fabric coating mills	—	16	6	328	14 429	206	367	6 642	39 729	53 082	97 053	3 023
314	Textile product mills	2	'418	'87	'7 818	'219 043	'5 480	'10 332	'115 303	'592 082	'700 837	'1 291 994	'21 161
3141	Textile furnishings mills	2	168	34	3 083	91 773	1 990	3 976	40 960	280 046	359 193	639 291	8 213
31411	Carpet and rug mills	5	9	3	246	10 168	153	348	5 463	16 809	20 501	37 235	219
314110	Carpet and rug mills	5	9	3	246	10 168	153	348	5 463	16 809	20 501	37 235	219
31412	Curtain and linen mills	1	159	31	2 837	81 605	1 837	3 628	35 497	263 237	338 692	602 056	7 994
314121	Curtain and drapery mills	3	101	18	1 961	51 322	1 191	2 352	22 067	107 062	101 249	206 571	6 729
314129	Other household textile product mills	—	58	13	876	30 283	646	1 276	13 430	156 175	237 443	395 485	1 265

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
314	Textile product mills—Con.												
3149	Other textile product mills	2	'250	'53	'4 735	'127 270	'3 490	'6 356	'74 343	'312 036	'341 644	'652 703	'12 948
31491	Textile bag and canvas mills ...	'1	'114	'22	'1 774	'52 427	'1 342	'2 635	'32 709	'138 717	'102 689	'240 783	'4 471
314911	Textile bag mills	1	21	5	262	8 029	189	375	3 809	20 097	13 498	32 270	867
314912	Canvas and related product mills	2	'93	'17	'1 512	'44 398	'1 153	'2 260	'28 900	'118 620	'89 191	'208 513	'3 604
31499	All other textile product mills ...	3	136	31	2 961	74 843	2 148	3 721	41 634	173 319	238 955	411 920	8 477
314991	Rope, cordage, and twine mills	—	8	4	e	D	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills .	—	2	2	c	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	4	126	25	2 478	61 733	1 780	3 103	34 244	150 626	165 874	317 104	D
315	Apparel manufacturing	4	'2 524	'507	'44 011	'1 043 574	'33 332	'58 423	'570 575	'2 794 192	'3 272 788	'6 089 294	'51 247
3151	Apparel knitting mills	4	153	38	2 583	58 150	2 066	3 861	39 304	110 373	226 922	338 406	6 686
31519	Other apparel knitting mills	4	141	37	2 514	56 624	2 001	3 738	38 015	107 241	223 978	332 329	6 621
315191	Outerwear knitting mills	4	136	37	2 488	56 031	1 977	3 682	37 506	105 437	221 952	328 499	6 578
3152	Cut and sew apparel manufacturing	4	'2 123	'417	'36 242	'860 528	'27 241	'47 275	'457 743	'2 401 248	'2 814 060	'5 241 617	'41 541
31521	Cut and sew apparel contractors	6	1 391	213	16 801	258 825	15 061	25 131	205 390	471 153	139 141	616 529	5 578
315211	Men's and boys' cut and sew apparel contractors	6	125	24	1 967	31 368	1 715	2 910	25 386	64 844	5 025	69 768	901
315212	Women's, girls', and infants' cut and sew apparel contractors	6	1 266	189	14 834	227 457	13 346	22 221	180 004	406 309	134 116	546 761	4 677
31522	Men's and boys' cut and sew apparel manufacturing	3	101	32	3 196	86 225	2 273	4 289	45 961	245 164	182 851	441 362	2 161
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	4	51	15	2 174	63 304	1 618	3 088	35 013	178 823	96 162	279 272	1 746
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	5	11	1	112	2 722	52	92	1 226	10 735	13 765	24 504	87
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	1	8	6	300	7 667	156	250	2 444	31 828	38 114	77 837	D
315225	Men's and boys' cut and sew work clothing manufacturing	4	6	1	c	D	D	D	D	D	D	D	17
315228	Men's and boys' cut and sew other outerwear manufacturing	4	23	8	419	9 035	286	583	4 773	18 159	26 470	44 420	184
31523	Women's and girls' cut and sew apparel manufacturing	4	'484	'153	'13 709	'449 966	'8 436	'15 010	'178 064	'1 517 723	'2 333 539	'3 855 308	'31 761
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	5	26	9	764	15 831	567	1 009	8 926	50 273	74 421	125 363	612
315232	Women's and girls' cut and sew blouse and shirt manufacturing	7	61	18	1 478	57 154	867	1 477	21 332	266 308	381 875	639 963	3 460
315233	Women's and girls' cut and sew dress manufacturing ...	'4	'184	'64	'5 844	'193 411	'3 080	'5 594	'72 653	'564 416	'987 448	'1 548 558	'18 945
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	2	62	21	1 651	81 955	779	1 388	18 492	317 917	414 386	750 270	3 855
315239	Women's and girls' cut and sew other outerwear manufacturing	4	151	41	3 972	101 615	3 143	5 542	56 661	318 809	475 409	791 154	4 889
31529	Other cut and sew apparel manufacturing	3	147	19	2 536	65 512	1 471	2 845	28 328	167 208	158 529	328 418	2 041
315291	Infants' cut and sew apparel manufacturing	1	5	3	204	4 463	122	265	2 737	8 132	3 196	11 273	106
315292	Fur and leather apparel manufacturing	5	80	5	640	13 846	513	917	9 473	34 753	49 956	86 254	379
315299	All other cut and sew apparel manufacturing	2	62	11	1 692	47 203	836	1 663	16 118	124 323	105 377	230 891	1 556
3159	Apparel accessories and other apparel manufacturing	3	248	52	5 186	124 896	4 025	7 287	73 528	282 571	231 806	509 271	3 020
31599	Apparel accessories and other apparel manufacturing	3	248	52	5 186	124 896	4 025	7 287	73 528	282 571	231 806	509 271	3 020
315991	Hat, cap, and millinery manufacturing	2	60	13	1 378	34 340	1 112	1 788	19 736	75 085	33 835	104 997	1 218
315992	Glove and mitten manufacturing	2	9	3	160	3 722	122	237	2 109	4 643	9 949	14 775	79
315993	Men's and boys' neckwear manufacturing	1	35	13	1 128	29 366	852	1 614	16 097	100 420	78 902	179 388	933
315999	Other apparel accessories and other apparel manufacturing	4	144	23	2 520	57 468	1 939	3 648	35 586	102 423	109 120	210 111	790
316	Leather and allied product manufacturing	3	176	40	2 481	68 395	1 884	3 614	40 079	143 411	115 773	258 871	1 851
3161	Leather and hide tanning and finishing	6	48	12	605	20 585	473	918	14 136	39 013	53 704	92 306	799
31611	Leather and hide tanning and finishing	6	48	12	605	20 585	473	918	14 136	39 013	53 704	92 306	799
316110	Leather and hide tanning and finishing	6	48	12	605	20 585	473	918	14 136	39 013	53 704	92 306	799

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
316	Leather and allied product manufacturing—Con.												
3162	Footwear manufacturing	2	24	9	570	16 661	414	784	7 414	36 199	18 858	54 575	512
31621	Footwear manufacturing	2	24	9	570	16 661	414	784	7 414	36 199	18 858	54 575	512
316213	Men's footwear (except athletic) manufacturing	—	3	3	284	9 272	188	342	3 051	22 601	9 052	31 273	262
316214	Women's footwear (except athletic) manufacturing	1	12	4	167	4 276	129	254	2 333	6 926	4 101	10 932	189
3169	Other leather and allied product manufacturing	2	104	19	1 306	31 149	997	1 912	18 529	68 199	43 211	111 990	540
31699	Other leather and allied product manufacturing	2	104	19	1 306	31 149	997	1 912	18 529	68 199	43 211	111 990	540
316991	Luggage manufacturing	1	25	6	339	9 300	239	452	4 590	25 724	11 122	37 105	275
316992	Women's handbag and purse manufacturing	1	27	2	237	4 247	167	303	3 262	11 183	8 268	19 448	56
316993	Personal leather goods (except women's handbag and purse) manufacturing	3	25	7	448	10 900	369	689	6 925	16 591	15 988	33 000	159
316999	All other leather goods manufacturing	2	27	4	282	6 702	222	468	3 752	14 701	7 833	22 437	50
321	Wood product manufacturing	3	614	132	9 630	284 791	7 580	14 826	190 194	637 733	802 009	1 436 900	35 060
3211	Sawmills and wood preservation	5	140	29	1 999	61 683	1 633	3 365	46 566	151 387	309 025	457 062	13 977
32111	Sawmills and wood preservation	5	140	29	1 999	61 683	1 633	3 365	46 566	151 387	309 025	457 062	13 977
321113	Sawmills	5	129	28	1 892	58 928	1 547	3 197	44 643	144 375	285 040	426 581	13 610
321114	Wood preservation	2	11	1	107	2 755	86	168	1 923	7 012	23 985	30 481	367
3212	Veneer, plywood, and engineered wood product manufacturing	4	30	12	760	24 146	545	1 068	13 887	47 752	66 252	114 109	2 375
32121	Veneer, plywood, and engineered wood product manufacturing	4	30	12	760	24 146	545	1 068	13 887	47 752	66 252	114 109	2 375
321214	Truss manufacturing	4	16	8	476	13 952	343	655	7 802	23 028	27 501	50 450	1 102
321219	Reconstituted wood product manufacturing	1	5	3	168	6 369	113	230	3 542	19 502	27 687	47 297	971
3219	Other wood product manufacturing	3	444	91	6 871	198 962	5 402	10 393	129 741	438 594	426 732	865 729	18 708
32191	Millwork	3	214	33	2 605	80 071	2 047	4 178	53 453	155 313	185 514	342 772	7 663
321911	Wood window and door manufacturing	2	67	14	1 134	36 749	863	1 817	23 603	67 168	86 552	155 643	2 995
321912	Cut stock, resawing lumber, and planing	2	45	5	559	14 479	463	924	10 065	34 563	36 332	70 992	1 569
321918	Other millwork (including flooring)	5	102	14	912	28 843	721	1 437	19 785	53 582	62 630	116 137	3 099
32192	Wood container and pallet manufacturing	2	107	24	1 576	37 294	1 337	2 477	25 537	79 858	72 868	151 362	3 886
321920	Wood container and pallet manufacturing	2	107	24	1 576	37 294	1 337	2 477	25 537	79 858	72 868	151 362	3 886
32199	All other wood product manufacturing	2	123	34	2 690	81 597	2 018	3 738	50 751	203 423	168 350	371 595	7 159
321991	Manufactured home (mobile home) manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing	3	29	13	1 144	38 462	775	1 358	20 349	95 010	82 254	177 709	D
321999	All other miscellaneous wood product manufacturing	3	91	20	g	D	D	D	D	D	D	D	4 043
322	Paper manufacturing	2	345	183	19 163	791 334	14 246	29 264	497 879	2 217 490	2 304 844	4 501 992	133 532
3221	Pulp, paper, and paperboard mills	2	44	37	5 454	279 700	4 053	8 480	188 495	1 004 069	906 044	1 886 236	67 213
32212	Paper mills	2	33	27	4 822	240 758	3 576	7 454	162 292	876 984	812 016	1 665 259	60 907
322121	Paper (except newsprint) mills	2	33	27	4 822	240 758	3 576	7 454	162 292	876 984	812 016	1 665 259	60 907
32213	Paperboard mills	—	10	9	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	10	9	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	301	146	13 709	511 634	10 193	20 784	309 384	1 213 421	1 398 800	2 615 756	66 319
32221	Paperboard container manufacturing	1	138	84	8 297	308 767	6 201	12 662	188 270	703 523	830 115	1 535 544	44 959
322211	Corrugated and solid fiber box manufacturing	1	80	52	4 386	167 678	3 179	6 757	95 774	398 255	571 229	967 871	27 217
322212	Folding paperboard box manufacturing	1	27	15	1 556	66 542	1 141	2 311	38 737	137 902	103 211	242 029	9 908
322213	Setup paperboard box manufacturing	2	17	9	1 178	32 781	887	1 589	20 093	56 186	45 528	101 169	1 657
322214	Fiber can, tube, drum, and similar products manufacturing	4	8	4	271	10 340	233	465	8 305	27 479	33 803	61 449	815
322215	Nonfolding sanitary food container manufacturing	—	6	4	906	31 426	761	1 540	25 361	83 701	76 344	163 026	5 362
32222	Paper bag and coated and treated paper manufacturing	3	58	15	1 557	63 326	1 046	1 973	36 111	157 041	200 355	363 803	6 144
322222	Coated and laminated paper manufacturing	3	38	10	1 087	44 267	687	1 387	23 180	106 439	126 964	238 979	D
322224	Uncoated paper and multiwall bag manufacturing	—	4	1	c	D	D	D	D	D	D	D	184
322225	Laminated aluminum foil manufacturing for flexible packaging uses	—	3	1	c	D	D	D	D	D	D	D	D

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
322	Paper manufacturing—Con.												
3222	Converted paper product manufacturing—Con.												
32223	Stationery product manufacturing	1	56	24	2 297	86 367	1 701	3 554	50 889	173 528	172 223	343 562	9 251
322231	Die-cut paper and paperboard office supplies manufacturing	2	22	8	527	17 271	371	777	9 970	28 447	38 758	67 336	1 825
322232	Envelope manufacturing	—	18	11	1 408	57 772	1 043	2 136	33 661	118 080	109 195	225 315	6 420
322233	Stationery, tablet, and related product manufacturing	2	16	5	362	11 324	287	641	7 258	27 001	24 270	50 911	1 006
32229	Other converted paper product manufacturing	4	49	23	1 558	53 174	1 245	2 595	34 114	179 329	196 107	372 847	5 965
322291	Sanitary paper product manufacturing	4	18	10	695	26 496	576	1 227	17 767	125 153	139 608	261 421	3 966
322299	All other converted paper product manufacturing	4	31	13	863	26 678	669	1 368	16 347	54 176	56 499	111 426	1 999
323	Printing and related support activities	3	'2 543	462	'43 044	'1 605 450	'31 023	'58 860	'996 832	'3 712 360	'2 124 975	'5 863 465	'195 347
3231	Printing and related support activities	3	'2 543	462	'43 044	'1 605 450	'31 023	'58 860	'996 832	'3 712 360	'2 124 975	'5 863 465	'195 347
32311	Printing	3	2 236	'402	'38 471	'1 413 582	'27 794	'52 569	'886 182	'3 322 977	'2 011 884	'5 361 262	'178 848
323110	Commercial lithographic printing	3	1 091	'228	'22 705	'868 588	'16 522	'31 045	'557 178	'2 080 400	'1 246 811	'3 336 978	'113 649
323111	Commercial gravure printing	—	27	8	627	33 302	377	817	15 554	71 447	96 321	168 433	7 274
323112	Commercial flexographic printing	1	52	23	1 372	55 920	921	1 899	31 577	126 642	109 212	233 888	9 322
323113	Commercial screen printing	2	211	24	2 174	62 161	1 557	2 901	33 172	152 343	90 754	243 432	5 710
323114	Quick printing	3	437	21	2 253	73 375	1 497	2 707	43 874	154 856	88 308	243 220	6 884
323115	Digital printing	1	91	27	2 156	82 639	1 442	2 665	47 424	197 950	53 665	249 995	8 429
323116	Manifold business forms printing	6	42	16	1 017	37 820	740	1 413	23 782	143 748	66 276	209 945	5 985
323117	Books printing	1	50	16	2 395	83 599	2 017	3 959	63 409	164 097	104 589	270 799	10 212
323118	Blankbook, looseleaf binders, and devices manufacturing	3	25	16	1 915	52 366	1 449	2 866	31 667	108 233	73 092	194 199	3 606
323119	Other commercial printing	4	210	23	1 857	63 812	1 272	2 297	38 545	123 261	82 856	210 373	7 777
32312	Support activities for printing	2	'307	'60	'4 573	'191 868	'3 229	'6 291	'110 650	'389 383	'113 091	'502 203	'16 499
323121	Tradebinding and related work	3	93	25	1 727	43 534	1 476	3 049	31 100	71 711	23 289	93 191	2 905
323122	Prepress services	2	'214	'35	'2 846	'148 334	'1 753	'3 242	'79 550	'317 672	'89 802	'409 012	'13 594
324	Petroleum and coal products manufacturing	1	144	27	1 833	77 628	1 249	2 364	50 568	292 989	391 437	685 562	32 079
3241	Petroleum and coal products manufacturing	1	144	27	1 833	77 628	1 249	2 364	50 568	292 989	391 437	685 562	32 079
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	123	21	1 523	65 668	1 084	2 085	45 587	263 681	343 232	607 910	31 242
324121	Asphalt paving mixture and block manufacturing	1	118	19	1 354	61 129	1 000	1 918	43 462	257 106	328 533	586 704	29 797
324122	Asphalt shingle and coating materials manufacturing	4	5	2	169	4 539	84	167	2 125	6 575	14 699	21 206	1 445
32419	Other petroleum and coal products manufacturing	1	21	6	310	11 960	165	279	4 981	29 308	48 205	77 652	837
324191	Petroleum lubricating oil and grease manufacturing	—	18	6	294	11 249	152	251	4 476	27 015	43 714	70 868	735
325	Chemical manufacturing	'—	'595	'259	'60 095	'3 147 109	'33 434	'69 306	'1 353 180	'23 015 328	'9 104 274	'32 011 203	'793 670
3251	Basic chemical manufacturing	1	'73	'40	'5 551	'320 832	'3 525	'7 415	'182 363	'1 094 682	'906 175	'2 015 144	'91 738
32512	Industrial gas manufacturing	—	10	4	201	10 725	51	112	2 901	67 956	28 558	96 555	12 416
325120	Industrial gas manufacturing	—	10	4	201	10 725	51	112	2 901	67 956	28 558	96 555	12 416
32513	Synthetic dye and pigment manufacturing	—	9	5	874	41 646	562	1 193	23 445	172 052	85 431	253 647	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	—	5	4	f	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	—	'28	'15	g	D	D	D	D	D	D	D	'18 435
325181	Alkalies and chlorine manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	—	'24	'13	'1 387	'69 701	'908	'2 008	'43 137	'264 121	'244 731	'516 788	D
32519	Other basic organic chemical manufacturing	2	23	15	h	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	2	20	14	2 543	161 582	1 623	3 319	87 964	456 665	478 577	940 564	51 290
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	20	11	1 097	62 490	609	1 343	27 324	105 683	115 182	234 013	20 663
32521	Resin and synthetic rubber manufacturing	—	18	10	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	—	14	8	867	51 884	438	981	20 273	83 880	93 826	190 889	17 613
325212	Synthetic rubber manufacturing	2	4	2	c	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing	9	2	1	c	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	9	2	1	c	D	D	D	D	D	D	D	D

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
325	Chemical manufacturing—Con.												
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	1	26	8	745	25 080	529	1 073	12 767	67 008	125 149	181 109	4 114
32531	Fertilizer manufacturing	3	20	4	303	10 099	177	357	4 362	20 694	53 433	74 714	1 789
325314	Fertilizer (mixing only) manufacturing	2	18	4	e	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	—	6	4	442	14 981	352	716	8 405	46 314	71 716	106 395	2 325
325320	Pesticide and other agricultural chemical manufacturing	—	6	4	442	14 981	352	716	8 405	46 314	71 716	106 395	2 325
3254	Pharmaceutical and medicine manufacturing	—	140	78	21 185	1 066 856	12 170	25 695	456 501	12 285 306	3 485 065	15 487 567	372 679
32541	Pharmaceutical and medicine manufacturing	—	140	78	21 185	1 066 856	12 170	25 695	456 501	12 285 306	3 485 065	15 487 567	372 679
325411	Medicinal and botanical manufacturing	7	29	10	1 388	59 362	930	2 055	27 409	689 376	147 422	839 449	14 886
325412	Pharmaceutical preparation manufacturing	—	96	57	17 589	872 852	10 430	22 283	396 801	11 065 638	3 167 069	13 941 900	329 968
325413	In-vitro diagnostic substance manufacturing	1	9	6	1 774	115 089	584	1 019	24 454	453 344	114 294	573 600	24 022
325414	Biological product (except diagnostic) manufacturing ..	—	6	5	434	19 553	226	338	7 837	76 948	56 280	132 618	3 803
3255	Paint, coating, and adhesive manufacturing	3	82	26	2 267	99 116	1 326	2 797	44 504	351 812	311 271	658 507	10 036
32551	Paint and coating manufacturing	3	59	16	1 277	53 975	740	1 552	24 888	247 825	181 730	429 461	4 685
325510	Paint and coating manufacturing	3	59	16	1 277	53 975	740	1 552	24 888	247 825	181 730	429 461	4 685
32552	Adhesive manufacturing	3	23	10	990	45 141	586	1 245	19 616	103 987	129 541	229 046	5 351
325520	Adhesive manufacturing	3	23	10	990	45 141	586	1 245	19 616	103 987	129 541	229 046	5 351
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	145	53	8 169	304 797	5 185	9 634	139 693	4 311 950	1 132 256	5 421 529	46 515
32561	Soap and cleaning compound manufacturing	3	70	19	1 528	58 799	863	1 685	24 790	250 971	124 302	375 103	12 958
325611	Soap and other detergent manufacturing	8	26	4	235	11 857	173	338	6 803	62 425	37 552	100 040	2 251
325612	Polish and other sanitation good manufacturing	1	41	12	1 182	40 158	645	1 264	16 018	166 877	68 684	235 327	9 883
325613	Surface active agent manufacturing	4	3	3	111	6 784	45	83	1 969	21 669	18 066	39 736	824
32562	Toilet preparation manufacturing	—	75	34	6 641	245 998	4 322	7 949	114 903	4 060 979	1 007 954	5 046 426	33 557
325620	Toilet preparation manufacturing	—	75	34	6 641	245 998	4 322	7 949	114 903	4 060 979	1 007 954	5 046 426	33 557
3259	Other chemical product and preparation manufacturing	—	109	43	21 081	1 267 938	10 090	21 349	490 028	4 798 887	3 029 176	8 013 334	247 925
32591	Printing ink manufacturing	2	21	6	f	D	D	D	D	D	D	D	D
325910	Printing ink manufacturing	2	21	6	f	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
32599	All other chemical product and preparation manufacturing ..	—	87	36	20 076	1 219 962	9 565	20 239	464 885	4 703 435	2 940 565	7 827 323	243 743
325991	Custom compounding of purchased resins	—	20	8	1 603	64 432	1 098	2 300	40 481	340 171	210 051	558 390	D
325992	Photographic film, paper, plate, and chemical manufacturing	—	25	9	j	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing ..	1	42	19	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	669	286	30 562	1 027 836	23 240	46 333	648 127	2 961 152	2 221 840	5 168 750	187 909
3261	Plastics product manufacturing ..	2	586	263	27 493	905 672	20 946	41 540	567 398	2 637 687	1 953 927	4 574 519	170 794
32611	Plastics packaging materials and un laminated film and sheet manufacturing	1	106	54	4 769	170 641	3 500	7 277	103 858	451 172	474 464	917 439	35 822
326111	Plastics bag manufacturing ..	1	51	22	2 863	100 062	2 132	4 329	62 005	246 229	224 936	472 336	20 877
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	14	13	804	31 576	551	1 164	17 304	91 046	113 690	206 500	8 672
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	2	41	19	1 102	39 003	817	1 784	24 549	113 897	135 838	238 603	6 273
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	—	37	17	1 842	69 483	1 313	2 479	48 332	383 710	203 501	584 332	27 926
326121	Unlaminated plastics profile shape manufacturing	—	32	13	1 434	57 284	993	1 824	39 813	337 002	144 868	481 167	D
326122	Plastics pipe and pipe fitting manufacturing	—	5	4	408	12 199	320	655	8 519	46 708	58 633	103 165	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	8	15	2	189	5 794	140	295	3 572	14 154	14 216	28 408	900
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing ..	8	15	2	189	5 794	140	295	3 572	14 154	14 216	28 408	900

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32614	Polystyrene foam product manufacturing	8	22	9	1 495	44 849	1 190	2 009	28 555	268 557	173 751	438 750	9 178
326140	Polystyrene foam product manufacturing	8	22	9	1 495	44 849	1 190	2 009	28 555	268 557	173 751	438 750	9 178
32615	Urethane and other foam product (except polystyrene) manufacturing	2	16	10	1 215	42 409	852	1 827	23 519	64 134	95 269	159 942	6 420
326150	Urethane and other foam product (except polystyrene) manufacturing	2	16	10	1 215	42 409	852	1 827	23 519	64 134	95 269	159 942	6 420
32616	Plastics bottle manufacturing ..	—	9	9	1 689	54 535	1 258	2 568	37 932	182 797	98 930	282 746	19 977
326160	Plastics bottle manufacturing	—	9	9	1 689	54 535	1 258	2 568	37 932	182 797	98 930	282 746	19 977
32619	Other plastics product manufacturing	3	381	162	16 294	517 961	12 693	25 085	321 630	1 273 163	893 796	2 162 902	70 571
326192	Resilient floor covering manufacturing	—	9	3	359	15 812	289	559	11 437	32 105	39 250	76 094	1 906
326199	All other plastics product manufacturing	3	365	157	15 865	500 065	12 349	24 418	308 889	1 235 843	851 711	2 078 755	68 468
3262	Rubber product manufacturing ...	1	83	23	3 069	122 164	2 294	4 793	80 729	323 465	267 913	594 231	17 115
32621	Tire manufacturing	—	30	4	1 636	73 556	1 252	2 565	52 805	212 993	164 574	376 228	8 685
326211	Tire manufacturing (except retreading)	—	10	2	g	D	D	D	D	D	D	D	D
326212	Tire retreading	3	20	2	c	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	6	6	4	326	12 891	250	523	7 355	27 260	30 669	61 720	899
326220	Rubber and plastics hoses and belting manufacturing ..	6	6	4	326	12 891	250	523	7 355	27 260	30 669	61 720	899
32629	Other rubber product manufacturing	1	47	15	1 107	35 717	792	1 705	20 569	83 212	72 670	156 283	7 531
326291	Rubber product manufacturing for mechanical use	1	15	6	355	10 967	266	544	6 431	28 114	16 871	44 839	3 574
326299	All other rubber product manufacturing	1	32	9	752	24 750	526	1 161	14 138	55 098	55 799	111 444	3 957
327	Nonmetallic mineral product manufacturing	2	'719	'221	'19 325	'769 264	'14 425	'28 867	'512 639	'2 332 561	'1 521 603	'3 808 281	'271 891
3271	Clay product and refractory manufacturing	—	'64	'24	'4 069	'155 254	'3 054	'6 291	'99 163	'357 404	'245 055	'599 517	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	'43	'14	'2 793	'106 197	'2 054	'4 258	'63 298	'233 873	'166 861	'399 390	'18 811
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	—	29	4	1 219	37 184	991	1 893	27 348	47 353	56 204	106 853	3 337
327113	Porcelain electrical supply manufacturing	—	'14	'10	'1 574	'69 013	'1 063	'2 365	'35 950	'186 520	'110 657	'292 537	'15 474
32712	Clay building material and refractories manufacturing	—	21	10	1 276	49 057	1 000	2 033	35 865	123 531	78 194	200 127	D
327122	Ceramic wall and floor tile manufacturing	—	8	1	352	10 329	317	619	8 540	31 076	21 138	53 393	D
327123	Other structural clay product manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
327124	Clay refractory manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
327125	Nonclay refractory manufacturing	—	7	5	506	20 799	366	720	13 630	50 527	42 645	90 980	1 191
3272	Glass and glass product manufacturing	2	149	41	4 121	163 487	3 161	6 019	110 655	456 801	253 806	714 968	104 358
32721	Glass and glass product manufacturing	2	149	41	4 121	163 487	3 161	6 019	110 655	456 801	253 806	714 968	104 358
327211	Flat glass manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	4	42	8	1 273	51 680	994	2 016	36 523	133 878	48 689	182 602	36 673
327213	Glass container manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	2	104	30	2 032	71 980	1 488	2 529	43 207	165 072	110 762	276 665	13 938
3273	Cement and concrete product manufacturing	3	323	102	6 463	252 804	4 750	9 550	173 116	908 820	641 236	1 539 001	87 892
32731	Cement manufacturing	—	11	5	581	29 534	414	866	19 588	163 111	79 881	238 620	17 413
327310	Cement manufacturing	—	11	5	581	29 534	414	866	19 588	163 111	79 881	238 620	17 413
32732	Ready-mix concrete manufacturing	2	174	54	3 028	123 230	2 385	4 603	93 768	341 008	362 326	699 211	24 526
327320	Ready-mix concrete manufacturing	2	174	54	3 028	123 230	2 385	4 603	93 768	341 008	362 326	699 211	24 526
32733	Concrete pipe, brick, and block manufacturing	2	55	20	1 043	38 780	695	1 445	23 064	131 853	88 857	216 982	8 432
327331	Concrete block and brick manufacturing	2	45	17	870	31 426	558	1 118	17 912	111 093	78 459	185 847	6 788
327332	Concrete pipe manufacturing	—	10	3	173	7 354	137	327	5 152	20 760	10 398	31 135	1 644
32739	Other concrete product manufacturing	5	83	23	1 811	61 260	1 256	2 636	36 696	272 848	110 172	384 188	37 521
327390	Other concrete product manufacturing	5	83	23	1 811	61 260	1 256	2 636	36 696	272 848	110 172	384 188	37 521

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3274	Lime and gypsum product manufacturing	2	14	5	512	25 690	406	910	18 621	44 756	106 303	151 338	D
32742	Gypsum product manufacturing	2	14	5	512	25 690	406	910	18 621	44 756	106 303	151 338	D
327420	Gypsum product manufacturing	2	14	5	512	25 690	406	910	18 621	44 756	106 303	151 338	D
3279	Other nonmetallic mineral product manufacturing	1	169	49	4 160	172 029	3 054	6 097	111 084	564 780	275 203	803 457	24 520
32791	Abrasive product manufacturing	—	29	18	2 016	83 952	1 463	2 816	49 123	257 736	148 440	371 570	15 511
327910	Abrasive product manufacturing	—	29	18	2 016	83 952	1 463	2 816	49 123	257 736	148 440	371 570	15 511
32799	All other nonmetallic mineral product manufacturing	2	140	31	2 144	88 077	1 591	3 281	61 961	307 044	126 763	431 887	9 009
327991	Cut stone and stone product manufacturing	5	93	19	1 020	36 108	788	1 591	24 991	86 576	40 126	124 961	3 024
327992	Ground or treated mineral and earth manufacturing ...	7	10	2	110	4 194	88	157	3 075	11 712	9 322	20 744	1 059
327993	Mineral wool manufacturing .	1	16	4	568	32 083	424	958	25 750	171 888	41 869	214 446	2 537
327999	All other miscellaneous nonmetallic mineral product manufacturing	3	21	6	446	15 692	291	575	8 145	36 868	35 446	71 736	2 389
331	Primary metal manufacturing	—	220	102	14 319	631 274	11 024	22 255	439 166	1 924 640	3 045 722	4 985 522	91 971
3311	Iron and steel mills and ferroalloy manufacturing	—	12	9	1 581	70 918	1 223	2 520	52 162	246 935	208 473	464 085	11 081
33111	Iron and steel mills and ferroalloy manufacturing	—	12	9	1 581	70 918	1 223	2 520	52 162	246 935	208 473	464 085	11 081
331111	Iron and steel mills	—	9	7	1 506	66 711	1 177	2 421	49 902	238 494	194 693	441 381	D
3312	Steel product manufacturing from purchased steel	1	23	11	1 281	63 276	908	1 983	38 521	152 461	208 131	356 648	10 387
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	3	2	c	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	3	2	c	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	2	20	9	g	D	D	D	D	D	D	D	D
331221	Rolled steel shape manufacturing	1	7	5	846	46 909	562	1 217	26 089	115 054	176 299	285 635	8 875
331222	Steel wire drawing	4	13	4	c	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	20	10	3 167	164 094	2 447	5 352	117 173	777 361	1 547 978	2 332 059	23 595
33131	Alumina and aluminum production and processing ...	—	20	10	3 167	164 094	2 447	5 352	117 173	777 361	1 547 978	2 332 059	23 595
331312	Primary aluminum production	—	2	2	f	D	D	D	D	D	D	D	D
331314	Secondary smelting and alloying of aluminum	—	6	2	c	D	D	D	D	D	D	D	1 207
331315	Aluminum sheet, plate, and foil manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	5	4	1 344	57 234	1 090	2 287	41 330	287 802	139 452	429 125	5 469
3314	Nonferrous metal (except aluminum) production and processing	2	78	34	4 875	193 420	3 660	7 112	127 690	491 424	872 936	1 362 603	25 054
33141	Nonferrous metal (except aluminum) smelting and refining	2	19	3	189	8 009	126	235	4 198	24 741	65 355	89 935	391
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	2	19	3	189	8 009	126	235	4 198	24 741	65 355	89 935	391
33142	Copper rolling, drawing, extruding, and alloying	—	18	13	2 679	106 246	2 139	4 262	74 543	255 085	412 068	661 096	18 188
331421	Copper rolling, drawing, and extruding	—	9	6	1 602	73 795	1 221	2 402	50 372	189 311	305 724	489 412	D
331422	Copper wire (except mechanical) drawing	2	9	7	1 077	32 451	918	1 860	24 171	65 774	106 344	171 684	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	4	41	18	2 007	79 165	1 395	2 615	48 949	211 598	395 513	611 572	6 475
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	5	22	10	1 179	45 279	835	1 507	29 443	139 120	210 666	350 889	3 828
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	2	19	8	828	33 886	560	1 108	19 506	72 478	184 847	260 683	2 647
3315	Foundries	1	87	38	3 415	139 566	2 786	5 288	103 620	256 459	208 204	470 127	21 854
33151	Ferrous metal foundries	2	21	7	910	30 614	739	1 334	20 790	58 879	27 248	87 407	5 344
331511	Iron foundries	4	15	3	343	11 423	286	548	8 228	24 072	11 913	36 674	D
331512	Steel investment foundries ..	—	4	3	f	D	D	D	D	D	D	D	D

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
331	Primary metal manufacturing—Con.												
3315	Foundries—Con.												
33152	Nonferrous metal foundries . . .	—	66	31	2 505	108 952	2 047	3 954	82 830	197 580	180 956	382 720	16 510
331521	Aluminum die-casting foundries . . .	—	9	5	920	58 169	770	1 469	47 882	80 432	101 537	181 929	9 727
331522	Nonferrous (except aluminum) die-casting foundries . . .	—	16	7	598	21 770	470	968	14 791	62 943	39 003	104 690	4 259
331524	Aluminum foundries (except die-casting) . . .	1	20	12	640	19 069	520	970	13 242	33 960	25 442	59 734	1 919
331525	Copper foundries (except die-casting) . . .	8	10	4	201	5 382	167	325	3 720	11 359	5 184	16 540	361
331528	Other nonferrous foundries (except die-casting) . . .	1	11	3	146	4 562	120	222	3 195	8 886	9 790	19 827	244
332	Fabricated metal product manufacturing . . .	2	'2 740	'704	'60 316	'2 271 487	'43 809	'87 149	'1 394 383	'5 050 922	'3 448 560	'8 498 221	'290 175
3321	Forging and stamping . . .	3	132	57	3 687	129 024	2 868	5 396	82 664	262 940	203 907	466 252	29 740
33211	Forging and stamping . . .	3	132	57	3 687	129 024	2 868	5 396	82 664	262 940	203 907	466 252	29 740
332111	Iron and steel forging . . .	8	17	5	516	16 958	426	657	11 936	44 830	32 972	82 972	1 444
332114	Custom roll forming . . .	1	15	3	206	7 511	153	323	4 466	17 114	13 592	30 710	D
332115	Crown and closure manufacturing . . .	6	3	2	c	D	D	D	D	D	D	D	365
332116	Metal stamping . . .	2	95	46	2 830	99 757	2 169	4 207	62 910	200 372	136 891	336 416	26 511
3322	Cutlery and handtool manufacturing . . .	1	94	34	3 862	138 539	3 173	6 162	97 428	297 892	216 974	510 606	23 262
33221	Cutlery and handtool manufacturing . . .	1	94	34	3 862	138 539	3 173	6 162	97 428	297 892	216 974	510 606	23 262
332211	Cutlery and flatware (except precious) manufacturing . . .	—	17	6	1 709	61 708	1 528	2 939	48 837	128 401	53 229	174 134	15 387
332212	Hand and edge tool manufacturing . . .	3	64	22	1 514	57 374	1 073	2 097	32 472	136 679	129 831	270 074	5 628
332213	Saw blade and handsaw manufacturing . . .	1	8	3	515	15 866	470	921	13 645	22 815	25 307	47 960	2 026
332214	Kitchen utensil, pot, and pan manufacturing . . .	—	5	3	124	3 591	102	205	2 474	9 997	8 607	18 438	221
3323	Architectural and structural metals manufacturing . . .	4	710	197	15 792	578 288	10 890	21 712	345 044	1 192 953	976 534	2 155 298	51 417
33231	Plate work and fabricated structural product manufacturing . . .	4	213	53	3 709	152 849	2 572	5 176	92 198	353 169	412 528	762 917	20 817
332311	Prefabricated metal building and component manufacturing . . .	1	26	6	337	10 800	247	499	6 941	32 083	44 608	76 823	423
332312	Fabricated structural metal manufacturing . . .	5	159	40	3 026	130 402	2 052	4 120	77 183	299 824	353 244	651 826	19 857
332313	Plate work manufacturing . . .	2	28	7	346	11 647	273	557	8 074	21 262	14 676	34 268	537
33232	Ornamental and architectural metal products manufacturing . . .	3	497	144	12 083	425 439	8 318	16 536	252 846	839 784	564 006	1 392 381	30 600
332321	Metal window and door manufacturing . . .	4	96	38	3 296	110 596	2 285	4 904	65 788	231 073	196 029	425 408	7 083
332322	Sheet metal work manufacturing . . .	3	238	75	6 397	223 029	4 527	8 565	137 957	423 736	235 873	651 175	16 590
332323	Ornamental and architectural metal work manufacturing . . .	3	163	31	2 390	91 814	1 506	3 067	49 101	184 975	132 104	315 798	6 927
3324	Boiler, tank, and shipping container manufacturing . . .	1	63	29	4 209	195 409	2 905	6 008	113 348	506 539	550 713	1 060 297	24 540
33241	Power boiler and heat exchanger manufacturing . . .	1	26	15	2 614	121 538	1 629	3 303	60 870	238 309	176 109	413 106	9 815
332410	Power boiler and heat exchanger manufacturing . . .	1	26	15	2 614	121 538	1 629	3 303	60 870	238 309	176 109	413 106	9 815
33242	Metal tank (heavy gauge) manufacturing . . .	6	18	5	547	23 233	418	850	14 608	45 767	21 626	67 618	1 022
332420	Metal tank (heavy gauge) manufacturing . . .	6	18	5	547	23 233	418	850	14 608	45 767	21 626	67 618	1 022
33243	Metal can, box, and other metal container (light gauge) manufacturing . . .	—	19	9	1 048	50 638	858	1 855	37 870	222 463	352 978	579 573	13 703
332431	Metal can manufacturing . . .	—	6	5	726	38 414	596	1 293	29 533	196 480	324 124	524 727	11 637
332439	Other metal container manufacturing . . .	3	13	4	322	12 224	262	562	8 337	25 983	28 854	54 846	2 066
3325	Hardware manufacturing . . .	1	48	21	2 137	85 934	1 578	3 465	52 940	241 829	151 413	394 143	6 190
33251	Hardware manufacturing . . .	1	48	21	2 137	85 934	1 578	3 465	52 940	241 829	151 413	394 143	6 190
332510	Hardware manufacturing . . .	1	48	21	2 137	85 934	1 578	3 465	52 940	241 829	151 413	394 143	6 190
3326	Spring and wire product manufacturing . . .	4	91	24	1 768	57 324	1 210	2 436	30 114	117 572	83 985	206 022	5 956
33261	Spring and wire product manufacturing . . .	4	91	24	1 768	57 324	1 210	2 436	30 114	117 572	83 985	206 022	5 956
332612	Spring (light gauge) manufacturing . . .	3	13	4	350	11 358	205	413	5 658	19 866	10 486	35 474	1 293
332618	Other fabricated wire product manufacturing . . .	4	74	20	1 400	45 388	999	2 011	24 241	96 504	72 582	168 429	4 628

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
332	Fabricated metal product manufacturing—Con.												
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	1 059	195	14 324	537 940	10 760	21 401	355 581	1 091 705	550 331	1 627 288	86 428
33271	Machine shops	3	847	117	8 480	325 527	6 425	12 719	216 226	667 610	289 899	949 943	46 463
332710	Machine shops	3	847	117	8 480	325 527	6 425	12 719	216 226	667 610	289 899	949 943	46 463
33272	Turned product and screw, nut, and bolt manufacturing	2	212	78	5 844	212 413	4 335	8 682	139 355	424 095	260 432	677 345	39 965
332721	Precision turned product manufacturing	2	165	65	4 784	170 643	3 640	7 345	117 516	314 465	185 400	497 133	36 695
332722	Bolt, nut, screw, rivet, and washer manufacturing	2	47	13	1 060	41 770	695	1 337	21 839	109 630	75 032	180 212	3 270
3328	Coating, engraving, heat treating, and allied activities	1	'248	'61	'4 409	'142 662	'3 284	'6 330	'89 318	'311 169	'166 168	'484 668	'11 456
33281	Coating, engraving, heat treating, and allied activities ..	1	'248	'61	'4 409	'142 662	'3 284	'6 330	'89 318	'311 169	'166 168	'484 668	'11 456
332811	Metal heat treating	—	26	10	657	26 892	385	815	15 426	70 375	55 878	129 929	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	1	'99	'26	'1 840	'60 741	'1 414	'2 698	'38 645	'127 367	'72 169	'203 031	'6 782
332813	Electroplating, plating, polishing, anodizing, and coloring	2	123	25	1 912	55 029	1 485	2 817	35 247	113 427	38 121	151 708	D
3329	Other fabricated metal product manufacturing	2	295	86	10 128	406 367	7 141	14 239	227 946	1 028 323	548 535	1 593 647	51 186
33291	Metal valve manufacturing	1	55	29	3 777	155 726	2 375	4 787	80 107	424 867	212 705	634 730	22 094
332911	Industrial valve manufacturing	—	23	11	1 709	77 099	1 019	2 112	37 131	224 315	118 240	343 133	7 476
332912	Fluid power valve and hose fitting manufacturing	—	11	6	1 153	45 670	727	1 465	24 009	111 067	24 479	134 037	11 991
332913	Plumbing fixture fitting and trim manufacturing	3	13	6	293	10 560	209	418	6 433	40 101	41 650	82 871	1 216
332919	Other metal valve and pipe fitting manufacturing	4	8	6	622	22 397	420	792	12 534	49 384	28 336	74 689	1 411
33299	All other fabricated metal product manufacturing	2	240	57	6 351	250 641	4 766	9 452	147 839	603 456	335 830	958 917	29 092
332991	Ball and roller bearing manufacturing	4	15	6	1 274	58 612	925	1 859	29 021	102 280	57 195	166 395	6 657
332994	Small arms manufacturing...	—	7	4	1 424	51 868	1 222	2 282	40 781	190 613	58 256	245 487	3 993
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	5	33	8	412	14 531	314	668	8 792	29 161	29 486	58 728	1 173
332997	Industrial pattern manufacturing	3	23	2	122	5 957	91	192	4 092	13 591	3 440	13 125	560
332999	All other miscellaneous fabricated metal product manufacturing	2	150	34	2 706	99 543	1 962	3 965	56 615	207 852	166 685	394 277	15 088
333	Machinery manufacturing	1	1 179	409	'49 783	'2 248 270	'29 353	'57 448	'1 090 366	'6 364 820	'5 307 459	'11 672 749	'255 368
3331	Agriculture, construction, and mining machinery manufacturing	2	55	19	1 794	72 109	1 180	2 391	38 757	158 750	168 277	325 130	7 816
33311	Agricultural implement manufacturing	1	19	5	674	22 053	440	746	9 396	67 829	60 410	127 141	1 457
333111	Farm machinery and equipment manufacturing ..	—	14	3	565	18 990	353	585	7 410	57 429	43 682	102 112	909
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	8	5	2	1 109	3 063	87	161	1 986	10 400	16 728	25 029	548
33312	Construction machinery manufacturing	3	28	10	714	29 097	467	921	16 373	59 194	74 593	133 012	3 835
333120	Construction machinery manufacturing	3	28	10	714	29 097	467	921	16 373	59 194	74 593	133 012	3 835
33313	Mining and oil and gas field machinery manufacturing	—	8	4	406	20 959	273	724	12 988	31 727	33 274	64 977	2 524
333132	Oil and gas field machinery and equipment manufacturing	—	4	3	361	19 364	252	677	12 196	28 749	30 156	58 835	2 326
3332	Industrial machinery manufacturing	2	219	75	8 060	395 424	3 923	7 562	147 611	824 786	718 942	1 568 325	39 943
33321	Sawmill and woodworking machinery manufacturing	9	11	3	154	5 048	102	201	2 615	11 896	7 989	20 117	410
333210	Sawmill and woodworking machinery manufacturing ..	9	11	3	154	5 048	102	201	2 615	11 896	7 989	20 117	410
33322	Plastics and rubber industry machinery manufacturing	3	22	11	1 163	50 769	693	1 535	24 064	99 669	66 810	164 870	2 972
333220	Plastics and rubber industry machinery manufacturing ..	3	22	11	1 163	50 769	693	1 535	24 064	99 669	66 810	164 870	2 972
33329	Other industrial machinery manufacturing	1	186	61	6 743	339 607	3 128	5 826	120 932	713 221	644 143	1 383 338	36 561
333291	Paper industry machinery manufacturing	3	20	4	392	18 558	239	433	7 751	40 633	17 632	58 129	839
333292	Textile machinery manufacturing	2	18	3	295	12 189	179	382	6 011	20 355	13 401	35 341	1 675
333293	Printing machinery and equipment manufacturing ..	—	36	12	1 457	80 393	558	742	24 201	156 214	151 612	312 846	4 927
333294	Food product machinery manufacturing	2	21	2	231	8 371	140	204	3 232	18 592	14 565	32 681	970
333295	Semiconductor machinery manufacturing	—	16	12	1 140	58 383	506	1 141	19 978	142 285	143 840	294 414	11 010

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NAICS code	Geographic area and industry	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
333	Machinery manufacturing—Con.												
3332	Industrial machinery manufacturing—Con.												
33329	Other industrial machinery manufacturing—Con.												
333298	All other industrial machinery manufacturing	2	75	28	3 228	161 713	1 506	2 924	59 759	335 142	303 093	649 927	17 140
3333	Commercial and service industry machinery manufacturing	2	137	57	4 245	179 042	2 617	5 064	82 202	364 766	266 182	632 258	22 145
33331	Commercial and service industry machinery manufacturing	2	137	57	4 245	179 042	2 617	5 064	82 202	364 766	266 182	632 258	22 145
333312	Commercial laundry, drycleaning, and pressing machine manufacturing	1	2	1	c	D	D	D	D	D	D	D	D
333313	Office machinery manufacturing	1	7	4	331	12 251	236	485	7 713	30 054	26 045	54 821	1 320
333314	Optical instrument and lens manufacturing	2	47	19	1 407	65 241	925	1 852	37 251	106 222	70 188	177 730	14 810
333315	Photographic and photocopying equipment manufacturing	—	24	9	794	27 692	522	936	9 828	58 345	44 680	108 289	1 567
333319	Other commercial and service industry machinery manufacturing	3	52	24	1 601	68 671	878	1 671	25 595	156 502	110 993	263 445	4 236
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	86	45	6 061	242 113	3 998	7 722	120 998	666 588	742 123	1 403 961	13 597
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	86	45	6 061	242 113	3 998	7 722	120 998	666 588	742 123	1 403 961	13 597
333411	Air purification equipment manufacturing	—	10	4	c	D	D	D	D	D	D	D	246
333412	Industrial and commercial fan and blower manufacturing ..	—	7	4	e	D	D	D	D	D	D	D	391
333414	Heating equipment (except warm air furnaces) manufacturing	6	22	9	1 219	40 671	813	1 698	18 788	116 599	91 382	209 631	3 369
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	2	47	28	4 200	175 444	2 755	5 181	87 450	496 547	619 723	1 109 447	9 591
3335	Metalworking machinery manufacturing	2	'363	'79	'7 555	'317 468	'4 981	'9 456	'182 403	'559 095	'382 590	'943 464	'26 514
33351	Metalworking machinery manufacturing	2	'363	'79	'7 555	'317 468	'4 981	'9 456	'182 403	'559 095	'382 590	'943 464	'26 514
333511	Industrial mold manufacturing	2	'98	'18	'1 283	'50 734	'966	'1 764	'33 834	'93 718	'27 259	'120 230	'4 850
333512	Machine tool (metal cutting types) manufacturing	—	16	9	2 019	94 584	1 146	2 169	45 655	157 201	180 562	331 114	7 304
333513	Machine tool (metal forming types) manufacturing	4	11	6	458	21 008	236	499	9 109	38 728	30 748	72 466	1 826
333514	Special die and tool, die set, jig, and fixture manufacturing	3	140	23	1 785	69 054	1 346	2 541	47 384	119 824	49 500	168 383	6 582
333515	Cutting tool and machine tool accessory manufacturing...	4	80	14	1 020	40 872	696	1 381	24 779	86 788	37 402	124 601	3 596
333518	Other metalworking machinery manufacturing ..	2	18	9	990	41 216	591	1 102	21 642	62 836	57 119	126 670	2 356
3336	Engine, turbine, and power transmission equipment manufacturing	—	42	24	6 117	303 831	4 259	8 783	202 302	2 103 882	1 728 735	3 822 619	59 487
33361	Engine, turbine, and power transmission equipment manufacturing	—	42	24	6 117	303 831	4 259	8 783	202 302	2 103 882	1 728 735	3 822 619	59 487
333611	Turbine and turbine generator set units manufacturing	—	10	7	3 627	215 803	2 353	4 832	143 391	1 778 687	1 473 293	3 247 721	40 801
333612	Speed changer, industrial high-speed drive, and gear manufacturing	3	16	10	f	D	D	D	D	D	D	D	2 721
333613	Mechanical power transmission equipment manufacturing	—	8	4	662	21 962	505	915	13 842	78 606	29 826	107 737	D
333618	Other engine equipment manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	'277	'110	'15 951	'738 283	'8 395	'16 470	'316 093	'1 686 953	'1 300 610	'2 976 992	'85 866
33391	Pump and compressor manufacturing	—	36	26	5 284	258 475	2 574	4 897	113 510	591 467	589 997	1 168 562	34 027
333911	Pump and pumping equipment manufacturing ..	—	25	17	g	D	D	D	D	D	D	D	18 913
333912	Air and gas compressor manufacturing	—	10	8	3 207	158 471	1 434	2 771	65 755	356 847	276 095	611 805	D

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NAICS code	Geographic area and industry	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing—Con.												
33392	Material handling equipment manufacturing	2	72	25	2 795	117 788	1 694	3 634	57 906	224 669	193 687	417 243	14 830
333921	Elevator and moving stairway manufacturing	1	21	9	840	37 181	608	1 296	20 193	80 585	53 146	133 449	D
333922	Conveyor and conveying equipment manufacturing ..	3	25	7	459	21 228	275	581	10 849	46 757	30 400	74 018	950
333923	Overhead traveling crane, hoist, and monorail system manufacturing	4	9	4	400	14 102	182	333	5 035	24 097	28 591	52 920	1 279
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	17	5	1 096	45 277	629	1 424	21 829	73 230	81 550	156 856	D
33399	All other general purpose machinery manufacturing	1	'169	'59	'7 872	'362 020	'4 127	'7 939	'144 677	'870 817	'516 926	'1 391 187	'37 009
333991	Power-driven handtool manufacturing	1	6	2	311	14 332	138	325	5 392	34 735	22 149	55 874	D
333992	Welding and soldering equipment manufacturing ..	—	5	2	e	D	D	D	D	D	D	D	1 734
333993	Packaging machinery manufacturing	1	35	10	688	31 193	379	621	13 769	56 040	42 914	108 199	1 073
333994	Industrial process furnace and oven manufacturing ...	4	'16	'8	'536	'24 963	'284	'574	'8 967	'47 913	'35 195	'84 255	'1 016
333995	Fluid power cylinder and actuator manufacturing	—	14	12	3 093	164 723	1 497	2 843	65 666	423 302	128 452	549 293	19 300
333997	Scale and balance (except laboratory) manufacturing ..	—	3	3	223	11 262	69	142	2 049	25 123	19 868	45 032	D
333999	All other miscellaneous general purpose machinery manufacturing	1	86	21	2 617	101 583	1 505	2 928	42 523	228 725	199 081	425 904	11 210
334	Computer and electronic product manufacturing	—	851	341	70 167	3 528 965	31 382	62 220	1 046 351	8 691 618	5 847 386	14 569 090	459 363
3341	Computer and peripheral equipment manufacturing	—	72	21	9 816	472 150	3 229	6 900	124 948	1 110 321	1 191 493	2 344 691	56 069
33411	Computer and peripheral equipment manufacturing	—	72	21	9 816	472 150	3 229	6 900	124 948	1 110 321	1 191 493	2 344 691	56 069
334111	Electronic computer manufacturing	9	19	2	429	16 664	208	400	5 738	34 321	64 118	98 758	4 856
334113	Computer terminal manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	45	15	9 120	443 593	2 921	6 285	116 084	1 060 230	1 103 580	2 203 239	51 011
3342	Communications equipment manufacturing	1	121	56	11 068	524 460	5 487	10 582	173 183	1 104 423	1 078 467	2 215 592	48 674
33421	Telephone apparatus manufacturing	5	29	16	1 594	77 294	649	1 264	20 227	141 866	120 863	273 927	14 103
334210	Telephone apparatus manufacturing	5	29	16	1 594	77 294	649	1 264	20 227	141 866	120 863	273 927	14 103
33422	Radio and television broadcasting and wireless communications equipment manufacturing	2	61	33	6 556	310 542	3 617	7 100	117 235	552 963	664 746	1 270 177	22 580
334220	Radio and television broadcasting and wireless communications equipment manufacturing	2	61	33	6 556	310 542	3 617	7 100	117 235	552 963	664 746	1 270 177	22 580
33429	Other communications equipment manufacturing	—	31	7	2 918	136 624	1 221	2 218	35 721	409 594	292 858	671 488	11 991
334290	Other communications equipment manufacturing ..	—	31	7	2 918	136 624	1 221	2 218	35 721	409 594	292 858	671 488	11 991
3343	Audio and video equipment manufacturing	2	34	5	623	21 080	382	758	9 537	38 695	55 246	91 550	1 275
33431	Audio and video equipment manufacturing	2	34	5	623	21 080	382	758	9 537	38 695	55 246	91 550	1 275
334310	Audio and video equipment manufacturing	2	34	5	623	21 080	382	758	9 537	38 695	55 246	91 550	1 275
3344	Semiconductor and other electronic component manufacturing	—	276	132	33 361	1 738 426	14 979	29 728	454 284	4 582 340	2 569 069	7 114 608	262 507
33441	Semiconductor and other electronic component manufacturing	—	276	132	33 361	1 738 426	14 979	29 728	454 284	4 582 340	2 569 069	7 114 608	262 507
334411	Electron tube manufacturing ..	—	4	2	g	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	49	16	2 851	99 998	1 765	3 504	43 858	411 682	264 489	670 623	17 144
334413	Semiconductor and related device manufacturing	—	37	16	9 358	576 140	3 729	7 378	128 886	1 058 730	303 583	1 320 027	22 718
334414	Electronic capacitor manufacturing	—	10	6	1 026	34 010	692	1 364	16 180	90 389	23 977	115 671	8 209
334415	Electronic resistor manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
334416	Electronic coil, transformer, and other inductor manufacturing	1	33	18	1 392	38 289	1 087	1 975	21 786	71 665	19 596	90 693	D
334417	Electronic connector manufacturing	—	15	8	2 062	88 347	1 564	3 139	60 277	259 366	94 978	356 407	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	42	27	10 723	665 859	2 400	4 769	72 298	2 170 268	1 419 779	3 594 805	D

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NAICS code	Geographic area and industry	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
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	83	36	4 303	174 419	2 502	4 957	72 796	371 847	247 166	625 837	18 152
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	259	103	13 243	693 031	5 868	11 362	238 169	1 650 958	840 448	2 484 754	79 940
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	259	103	13 243	693 031	5 868	11 362	238 169	1 650 958	840 448	2 484 754	79 940
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	29	11	1 051	52 171	390	819	11 955	174 850	82 351	258 902	7 502
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	33	11	3 975	255 673	1 659	3 096	102 505	648 738	180 623	816 362	40 386
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	7	14	3	209	7 159	139	279	3 655	17 507	10 254	27 740	566
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	1	35	16	1 262	60 245	551	1 138	16 917	154 201	82 827	235 736	2 994
334514	Totalizing fluid meter and counting device manufacturing	2	16	3	325	15 952	118	169	4 142	25 009	35 965	61 369	701
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	1	40	17	2 404	108 987	1 074	2 142	32 628	223 216	172 513	399 351	9 609
334516	Analytical laboratory instrument manufacturing ..	1	26	6	653	32 501	295	528	9 009	62 228	45 313	110 235	1 860
334517	Irradiation apparatus manufacturing	1	9	6	419	16 570	256	543	6 982	49 843	31 769	82 560	1 773
334518	Watch, clock, and part manufacturing	—	15	6	255	9 525	149	249	3 621	29 235	50 243	78 078	1 421
334519	Other measuring and controlling device manufacturing	—	42	24	2 690	134 248	1 237	2 399	46 755	266 131	148 590	414 421	13 128
3346	Manufacturing and reproducing magnetic and optical media	3	89	24	2 056	79 818	1 437	2 890	46 230	204 881	112 663	317 895	10 898
33461	Manufacturing and reproducing magnetic and optical media ...	3	89	24	2 056	79 818	1 437	2 890	46 230	204 881	112 663	317 895	10 898
334611	Software reproducing	2	10	3	141	6 145	80	95	2 516	11 239	6 828	18 057	266
334612	Prerecorded compact disc (except software), tape, and record reproducing	3	64	16	1 501	56 627	1 088	2 296	33 370	137 434	59 122	196 867	7 211
334613	Magnetic and optical recording media manufacturing	2	15	5	414	17 046	269	499	10 344	56 208	46 713	102 971	3 421
335	Electrical equipment, appliance, and component manufacturing	2	367	167	20 122	747 786	13 922	26 651	411 651	2 024 740	1 483 836	3 509 635	83 989
3351	Electric lighting equipment manufacturing	1	112	49	4 510	158 453	3 285	6 179	93 010	442 785	244 354	678 879	22 419
33511	Electric lamp bulb and part manufacturing	—	5	3	764	32 113	618	1 184	23 389	98 307	28 651	123 198	2 192
335110	Electric lamp bulb and part manufacturing	—	5	3	764	32 113	618	1 184	23 389	98 307	28 651	123 198	2 192
33512	Lighting fixture manufacturing ..	1	107	46	3 746	126 340	2 667	4 995	69 621	344 478	215 703	555 681	20 227
335121	Residential electric lighting fixture manufacturing	1	49	16	1 326	47 127	894	1 773	24 371	135 562	83 971	216 612	4 446
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	2	34	18	1 466	47 043	1 050	1 926	26 084	123 425	88 485	210 472	11 736
335129	Other lighting equipment manufacturing	—	24	12	954	32 170	723	1 296	19 166	85 491	43 247	128 597	4 045
3352	Household appliance manufacturing	6	8	5	496	13 672	376	655	8 597	85 384	81 452	166 502	5 159
33521	Small electrical appliance manufacturing	6	6	4	e	D	D	D	D	D	D	D	D
335211	Electric housewares and household fan manufacturing	6	5	3	e	D	D	D	D	D	D	D	D
335212	Household vacuum cleaner manufacturing	—	1	1	c	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	3	'131	'54	'5 777	'199 505	'3 986	'7 850	'105 212	'481 079	'343 056	'823 481	'17 613
33531	Electrical equipment manufacturing	3	'131	'54	'5 777	'199 505	'3 986	'7 850	'105 212	'481 079	'343 056	'823 481	'17 613
335311	Power, distribution, and specialty transformer manufacturing	1	9	3	379	15 177	202	415	5 737	27 001	18 053	45 843	1 126
335312	Motor and generator manufacturing	'1	'27	'8	'1 675	'45 661	'1 476	'2 691	'35 934	'102 012	'68 616	'172 886	'2 773
335313	Switchgear and switchboard apparatus manufacturing ..	4	23	14	1 174	48 202	744	1 447	22 548	123 788	96 335	219 307	5 484
335314	Relay and industrial control manufacturing	4	72	29	2 549	90 465	1 564	3 297	40 993	228 278	160 052	385 445	8 230
3359	Other electrical equipment and component manufacturing	2	116	59	9 339	376 156	6 275	11 967	204 832	1 015 492	814 974	1 840 773	38 798
33591	Battery manufacturing	—	7	4	1 482	57 883	1 114	2 343	36 304	140 226	81 673	218 258	16 585
335911	Storage battery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	2	28	16	1 991	77 342	1 314	2 600	42 503	199 900	286 583	489 586	7 576
335921	Fiber optic cable manufacturing	4	6	3	420	14 440	234	473	6 309	28 851	27 621	57 764	542
335929	Other communication and energy wire manufacturing ..	2	22	13	1 571	62 902	1 080	2 127	36 194	171 049	258 962	431 822	7 034
33593	Wiring device manufacturing ..	—	28	10	3 006	111 162	2 136	3 742	68 948	365 951	181 872	552 324	5 326
335931	Current-carrying wiring device manufacturing	—	19	6	1 629	52 087	1 261	2 014	37 480	116 485	110 172	227 360	2 710
335932	Noncurrent-carrying wiring device manufacturing	1	9	4	1 377	59 075	875	1 728	31 468	249 466	71 700	324 964	2 616
33599	All other electrical equipment and component manufacturing	3	53	29	2 860	129 769	1 711	3 282	57 077	309 415	264 846	580 605	9 311
335991	Carbon and graphite product manufacturing	—	5	5	504	22 059	371	822	14 789	36 072	83 894	121 146	2 497
335999	All other miscellaneous electrical equipment and component manufacturing ..	3	48	24	2 356	107 710	1 340	2 460	42 288	273 343	180 952	459 459	6 814
336	Transportation equipment manufacturing	—	394	141	43 221	2 140 384	32 899	63 605	1 525 712	5 940 756	6 667 321	12 701 456	484 477
3361	Motor vehicle manufacturing	—	8	1	901	13 763	585	869	7 269	44 516	99 829	116 175	D
33612	Heavy duty truck manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	2	51	17	1 516	46 905	1 134	2 187	30 910	88 823	204 699	287 278	D
33621	Motor vehicle body and trailer manufacturing	2	51	17	1 516	46 905	1 134	2 187	30 910	88 823	204 699	287 278	D
336211	Motor vehicle body manufacturing	2	42	15	1 237	38 437	916	1 767	25 183	72 358	176 461	243 962	1 853
336212	Truck trailer manufacturing ..	7	2	2	c	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	191	64	30 736	1 629 371	25 287	48 907	1 284 659	4 381 978	5 234 074	9 654 028	403 679
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	44	11	7 457	429 140	6 472	12 881	366 041	1 568 476	2 197 562	3 749 816	225 237
336312	Gasoline engine and engine parts manufacturing	—	40	11	7 439	428 524	6 458	12 852	365 558	1 567 090	2 196 682	3 747 567	225 169
33632	Motor vehicle electrical and electronic equipment manufacturing	—	43	11	h	D	D	D	D	D	D	D	D
336321	Vehicular lighting equipment manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	38	10	3 985	194 302	2 783	5 483	123 956	554 972	552 163	1 160 987	25 351
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	7	5	294	8 717	202	355	5 023	17 665	25 693	42 163	2 431
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	7	5	294	8 717	202	355	5 023	17 665	25 693	42 163	2 431
33634	Motor vehicle brake system manufacturing	2	10	4	367	11 539	300	600	7 806	30 688	30 923	61 681	2 715
336340	Motor vehicle brake system manufacturing	2	10	4	367	11 539	300	600	7 806	30 688	30 923	61 681	2 715
33635	Motor vehicle transmission and power train parts manufacturing	—	21	6	i	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	21	6	i	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	8	7	3	365	13 827	242	502	6 300	27 970	20 825	48 835	3 036
336360	Motor vehicle seating and interior trim manufacturing ..	8	7	3	365	13 827	242	502	6 300	27 970	20 825	48 835	3 036

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33637	Motor vehicle metal stamping	—	12	6	h	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	12	6	h	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	47	18	6 899	351 681	5 322	11 745	246 330	851 558	778 956	1 627 071	27 700
336391	Motor vehicle air-conditioning manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	1	45	17	h	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	1	64	37	6 641	304 988	3 862	7 558	136 275	927 949	563 282	1 490 829	53 077
33641	Aerospace product and parts manufacturing	1	64	37	6 641	304 988	3 862	7 558	136 275	927 949	563 282	1 490 829	53 077
336411	Aircraft manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	1	19	13	2 846	120 014	1 910	4 184	69 377	256 864	171 714	432 252	17 955
336413	Other aircraft parts and auxiliary equipment manufacturing	3	37	18	2 415	109 104	1 531	2 704	51 675	223 744	160 624	385 613	23 184
336415	Guided missile and space vehicle propulsion unit and propulsion unit parts manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	14	10	2 029	90 691	977	1 919	31 406	378 828	443 246	913 974	16 151
33651	Railroad rolling stock manufacturing	—	14	10	2 029	90 691	977	1 919	31 406	378 828	443 246	913 974	16 151
336510	Railroad rolling stock manufacturing	—	14	10	2 029	90 691	977	1 919	31 406	378 828	443 246	913 974	16 151
3366	Ship and boat building	3	41	4	518	21 086	435	899	16 315	35 161	24 112	59 273	1 953
33661	Ship and boat building	3	41	4	518	21 086	435	899	16 315	35 161	24 112	59 273	1 953
336611	Ship building and repairing	3	20	3	357	16 291	304	651	12 916	24 655	15 031	39 686	437
336612	Boat building	3	21	1	161	4 795	131	248	3 399	10 506	9 081	19 587	1 516
3369	Other transportation equipment manufacturing	1	25	8	880	33 580	619	1 266	18 878	83 501	98 079	179 899	D
33699	Other transportation equipment manufacturing	1	25	8	880	33 580	619	1 266	18 878	83 501	98 079	179 899	D
336991	Motorcycle, bicycle, and parts manufacturing	—	11	3	c	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing	—	13	4	708	25 503	496	1 006	15 079	58 065	57 410	114 506	2 215
337	Furniture and related product manufacturing	2	'1 325	247	'23 761	'731 569	'18 142	'33 516	'463 637	'1 681 938	'1 123 666	'2 813 141	'46 353
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	927	116	13 404	369 416	10 771	19 371	254 965	855 288	539 042	1 395 352	26 039
33711	Wood kitchen cabinet and countertop manufacturing	3	455	36	3 396	99 293	2 515	4 722	63 436	202 286	113 348	315 123	6 399
337110	Wood kitchen cabinet and countertop manufacturing	3	455	36	3 396	99 293	2 515	4 722	63 436	202 286	113 348	315 123	6 399
33712	Household and institutional furniture manufacturing	2	472	80	10 008	270 123	8 256	14 649	191 529	653 002	425 694	1 080 229	19 640
337121	Upholstered household furniture manufacturing	6	100	17	1 323	35 352	1 104	2 187	25 988	78 161	93 035	170 803	2 695
337122	Nonupholstered wood household furniture manufacturing	1	288	49	7 363	190 617	6 222	10 616	141 233	495 320	271 753	769 246	14 991
337124	Metal household furniture manufacturing	1	23	4	531	18 755	341	668	8 943	35 538	23 555	59 250	351
337127	Institutional furniture manufacturing	5	42	8	667	21 438	500	1 005	13 220	37 972	30 551	68 122	1 496
3372	Office furniture (including fixtures) manufacturing	2	'329	111	'8 258	'295 007	'5 895	'11 146	'172 492	'643 298	'415 563	'1 064 222	'15 380
33721	Office furniture (including fixtures) manufacturing	2	'329	111	'8 258	'295 007	'5 895	'11 146	'172 492	'643 298	'415 563	'1 064 222	'15 380
337211	Wood office furniture manufacturing	2	38	15	1 651	55 684	1 263	2 455	36 554	109 776	59 231	169 330	2 118
337212	Custom architectural woodwork and millwork manufacturing	1	'135	32	'2 218	'91 308	'1 525	'2 955	'53 129	'184 362	'118 510	'303 084	'5 309
337214	Office furniture (except wood) manufacturing	—	20	4	624	23 398	429	863	13 229	93 633	43 206	136 680	1 363
337215	Showcase, partition, shelving, and locker manufacturing	3	136	60	3 765	124 617	2 678	4 873	69 580	255 527	194 616	455 128	6 590
3379	Other furniture related product manufacturing	4	69	20	2 099	67 146	1 476	2 999	36 180	183 352	169 061	353 567	4 934
33791	Mattress manufacturing	1	23	9	716	22 911	553	1 097	14 165	88 826	69 026	157 900	1 077
337910	Mattress manufacturing	1	23	9	716	22 911	553	1 097	14 165	88 826	69 026	157 900	1 077
33792	Blind and shade manufacturing	6	46	11	1 383	44 235	923	1 902	22 015	94 526	100 035	195 667	3 857
337920	Blind and shade manufacturing	6	46	11	1 383	44 235	923	1 902	22 015	94 526	100 035	195 667	3 857

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
339	Miscellaneous manufacturing	2	'2 532	'526	'54 930	'1 858 994	'37 275	'72 217	'948 655	'4 555 773	'4 104 874	'8 682 270	'216 785
3391	Medical equipment and supplies manufacturing	2	756	141	17 846	673 468	11 485	22 840	317 720	1 667 685	929 888	2 593 058	97 767
33911	Medical equipment and supplies manufacturing	2	756	141	17 846	673 468	11 485	22 840	317 720	1 667 685	929 888	2 593 058	97 767
339111	Laboratory apparatus and furniture manufacturing	—	27	14	1 536	75 130	797	1 595	25 018	157 736	92 561	245 920	3 101
339112	Surgical and medical instrument manufacturing	3	69	32	6 872	270 103	4 157	8 121	109 081	684 321	409 435	1 091 528	49 136
339113	Surgical appliance and supplies manufacturing	1	123	36	3 808	130 603	2 623	5 387	66 965	348 640	216 648	567 913	20 534
339114	Dental equipment and supplies manufacturing	5	52	9	556	24 015	355	673	11 366	62 812	76 029	137 211	8 129
339115	Ophthalmic goods manufacturing	1	45	17	1 827	73 135	1 243	2 538	38 295	230 294	89 335	320 271	5 063
339116	Dental laboratories	4	440	33	3 247	100 482	2 310	4 526	66 995	183 882	45 880	230 215	11 804
3399	Other miscellaneous manufacturing	2	'1 776	'385	'37 084	'1 185 526	'25 790	'49 377	'630 935	'2 888 088	'3 174 986	'6 089 212	'119 018
33991	Jewelry and silverware manufacturing	2	728	132	13 763	445 324	9 369	17 513	237 666	1 255 788	2 007 513	3 289 776	39 159
339911	Jewelry (except costume) manufacturing	2	523	98	9 494	330 227	6 332	11 711	168 436	947 719	1 564 718	2 537 207	21 605
339912	Silverware and holloware manufacturing	—	20	5	1 432	40 058	1 259	2 503	33 586	86 027	40 408	143 451	D
339913	Jewelers' material and lapidary work manufacturing	2	91	14	1 927	48 778	1 181	2 212	25 170	147 033	357 394	488 694	D
339914	Costume jewelry and novelty manufacturing	2	94	15	910	26 261	597	1 087	10 474	75 009	44 993	120 424	D
33992	Sporting and athletic goods manufacturing	5	66	20	1 166	33 246	820	1 612	17 887	105 028	73 826	177 854	3 024
339920	Sporting and athletic goods manufacturing	5	66	20	1 166	33 246	820	1 612	17 887	105 028	73 826	177 854	3 024
33993	Doll, toy, and game manufacturing	2	'58	'13	'967	'28 669	'566	'1 079	'11 656	'74 579	'86 434	'162 369	'6 315
339931	Doll and stuffed toy manufacturing	1	'17	'5	'388	'10 902	'185	'367	'3 594	'34 151	'30 659	'67 183	'379
339932	Game, toy, and children's vehicle manufacturing	2	41	8	579	17 767	381	712	8 062	40 428	55 775	95 186	5 936
33994	Office supplies (except paper) manufacturing	1	55	12	1 611	56 413	1 068	2 104	28 747	141 105	99 796	240 625	7 147
339941	Pen and mechanical pencil manufacturing	3	11	6	521	16 526	417	827	10 539	38 292	29 410	67 799	1 102
339942	Lead pencil and art good manufacturing	2	9	1	127	4 388	66	132	1 482	10 812	6 719	17 626	796
339943	Marking device manufacturing	3	27	2	180	4 624	112	213	2 643	9 089	5 738	14 948	240
339944	Carbon paper and inked ribbon manufacturing	1	8	3	783	30 875	473	932	14 083	82 912	57 929	140 252	5 009
33995	Sign manufacturing	3	375	72	5 894	200 036	3 867	7 729	101 788	416 765	256 417	670 381	17 878
339950	Sign manufacturing	3	375	72	5 894	200 036	3 867	7 729	101 788	416 765	256 417	670 381	17 878
33999	All other miscellaneous manufacturing	2	494	136	13 683	421 838	10 100	19 340	233 191	894 823	651 000	1 548 207	45 495
339991	Gasket, packing, and sealing device manufacturing	—	28	15	3 074	102 752	2 282	4 300	57 721	229 375	170 220	399 698	5 847
339992	Musical instrument manufacturing	—	51	8	1 742	58 801	1 423	2 702	38 218	124 930	49 712	172 179	4 035
339993	Fastener, button, needle, and pin manufacturing	1	27	5	414	11 565	301	538	5 996	18 243	22 306	40 442	340
339994	Broom, brush, and mop manufacturing	5	21	10	727	19 858	578	1 184	11 916	45 413	33 367	78 042	1 770
339999	All other miscellaneous manufacturing	3	360	97	7 662	225 418	5 501	10 588	118 966	451 303	367 969	820 975	32 971

¹Some 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.

²Includes establishments with payroll at any time during the year.

³Industries 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.

⁴Number 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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	1 095	355	40 436	1 636 855	28 291	56 594	963 131	6 190 781	5 236 143	11 429 497	358 431
311	Food manufacturing	2	100	26	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	3	1	e	D	D	D	D	D	D	D	D
311422	Specialty canning	-	1	1	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	12	7	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	2	9	5	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	2	6	4	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	8	49	9	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	8	45	9	f	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	28	7	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	8	17	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	2	11	4	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	2	11	4	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	2	10	3	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	2	4	2	e	D	D	D	D	D	D	D	D
313	Textile mills	2	24	11	g	D	D	D	D	D	D	D	D
3132	Fabric mills	2	16	7	f	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	-	3	2	e	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	-	3	2	e	D	D	D	D	D	D	D	D
31324	Knit fabric mills	6	8	4	e	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills	6	8	4	e	D	D	D	D	D	D	D	D
314	Textile product mills	-	19	6	f	D	D	D	D	D	D	D	D
3149	Other textile product mills	1	14	5	e	D	D	D	D	D	D	D	D
31499	All other textile product mills	-	7	2	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	-	7	2	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	5	34	6	e	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	5	33	11	f	D	D	D	D	D	D	D	D
3161	Leather and hide tanning and finishing	6	27	10	e	D	D	D	D	D	D	D	D
31611	Leather and hide tanning and finishing	6	27	10	e	D	D	D	D	D	D	D	D
316110	Leather and hide tanning and finishing	6	27	10	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	77	14	g	D	D	D	D	D	D	D	4 034
3219	Other wood product manufacturing	2	42	11	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	4	12	3	e	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	4	12	3	e	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	2	16	7	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	3	38	25	h	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	3	14	13	h	D	D	D	D	D	D	D	D
32212	Paper mills	3	12	11	h	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	3	12	11	h	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	24	12	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	9	5	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	8	5	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	6	6	3	e	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing	5	5	3	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	9	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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)											
ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA—Con.																				
323	Printing and related support activities	4	113	23	h	D	D	D	D	D	D	D	D							
3231	Printing and related support activities	4	113	23	h	D	D	D	D	D	D	D	D							
32311	Printing	4	103	23	h	D	D	D	D	D	D	D	D							
323110	Commercial lithographic printing	3	55	13	g	D	D	D	D	D	D	D	D							
325	Chemical manufacturing	—	43	22	h	D	D	D	D	D	D	D	D							
3251	Basic chemical manufacturing ...	—	9	5	g	D	D	D	D	D	D	D	D							
32519	Other basic organic chemical manufacturing	—	3	1	g	D	D	D	D	D	D	D	D							
325199	All other basic organic chemical manufacturing	—	3	1	g	D	D	D	D	D	D	D	D							
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	4	3	f	D	D	D	D	D	D	D	D							
32521	Resin and synthetic rubber manufacturing	—	4	3	f	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							
3254	Pharmaceutical and medicine manufacturing	—	10	3	e	D	D	D	D	D	D	D	D							
32541	Pharmaceutical and medicine manufacturing	—	10	3	e	D	D	D	D	D	D	D	D							
325412	Pharmaceutical preparation manufacturing	—	5	2	e	D	D	D	D	D	D	D	D							
3259	Other chemical product and preparation manufacturing	—	7	4	1	139	44	345	815	1	756	29	956	281	871	138	352	430	358	D
32599	All other chemical product and preparation manufacturing ...	—	6	4	g	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
325991	Custom compounding of purchased resins	—	4	3	g	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
326	Plastics and rubber products manufacturing	3	54	25	h	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
3261	Plastics product manufacturing ..	2	47	24	h	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	4	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
326111	Plastics bag manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
32615	Urethane and other foam product (except polystyrene) manufacturing	3	2	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
326150	Urethane and other foam product (except polystyrene) manufacturing	3	2	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
32619	Other plastics product manufacturing	3	29	15	g	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
326199	All other plastics product manufacturing	3	29	15	g	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
327	Nonmetallic mineral product manufacturing	—	78	23	g	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
3272	Glass and glass product manufacturing	—	9	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
32721	Glass and glass product manufacturing	—	9	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
3273	Cement and concrete product manufacturing	1	39	12	g	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
32731	Cement manufacturing	—	4	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
327310	Cement manufacturing	—	4	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
32739	Other concrete product manufacturing	—	9	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
327390	Other concrete product manufacturing	—	9	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
3279	Other nonmetallic mineral product manufacturing	—	21	6	f	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
32791	Abrasive product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
327910	Abrasive product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
32799	All other nonmetallic mineral product manufacturing	—	19	4	f	D	D	D	D	D	D	D	D	D	D	D	D	D	D	
327993	Mineral wool manufacturing ..	—	2	1	e	D	D	D	D	D	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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA—Con.												
331	Primary metal manufacturing	1	8	5	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
331316	Aluminum extruded product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	146	46	h	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	3	47	16	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	1	19	9	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	1	15	7	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	6	28	7	f	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	—	4	2	e	D	D	D	D	D	D	D	333
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	51	15	f	D	D	D	D	D	D	D	D
33271	Machine shops	3	43	12	f	D	D	D	D	D	D	D	D
332710	Machine shops	3	43	12	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	2	22	9	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	2	17	5	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	2	11	4	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	72	28	h	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	13	4	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	1	13	4	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	5	9	5	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	5	9	5	f	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	7	5	4	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	14	8	f	D	D	D	D	D	D	D	D
33391	Pump and compressor 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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing	1	32	11	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	20	7	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	20	7	f	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	2	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	3	18	9	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	3	8	4	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	3	8	4	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	3	8	5	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	4	5	3	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	4	4	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	3	21	8	f	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	46	16	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	26	8	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	12	5	f	D	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	—	18	6	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	—	18	6	e	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
33791	Mattress manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33792	Blind and shade manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	111	33	h	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	3	42	14	h	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	3	42	14	h	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	3	11	10	h	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing	4	69	19	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	3	26	10	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	3	22	10	f	D	D	D	D	D	D	D	D
Albany-Schenectady-Troy, NY Metropolitan Statistical Area													
31-33	Manufacturing	1	646	213	24 370	1 089 366	16 740	33 517	646 838	4 525 970	3 718 857	8 268 751	273 198
311	Food manufacturing	2	70	18	1 564	46 986	1 095	2 017	30 765	162 661	277 573	437 907	9 915
3115	Dairy product manufacturing	1	8	5	509	15 854	354	672	9 501	44 116	106 871	149 530	6 598
31151	Dairy product (except frozen) manufacturing	1	6	4	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	1	5	3	323	10 765	189	355	5 514	29 578	89 339	118 207	D
3118	Bakeries and tortilla manufacturing	8	37	7	f	D	D	D	D	D	D	D	1 378
31181	Bread and bakery product manufacturing	8	34	7	649	17 859	451	759	12 893	34 694	31 431	66 135	D
311811	Retail bakeries	4	20	5	256	3 661	138	159	1 781	7 535	3 550	11 085	D
311812	Commercial bakeries	8	14	2	393	14 198	313	600	11 112	27 159	27 881	55 050	1 036
312	Beverage and tobacco product manufacturing	2	8	4	464	26 327	230	513	9 713	164 829	152 481	317 637	D
3121	Beverage manufacturing	2	8	4	464	26 327	230	513	9 713	164 829	152 481	317 637	D
31211	Soft drink and ice manufacturing	2	7	3	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
313	Textile mills	—	10	5	571	25 516	400	865	16 424	75 324	50 646	132 518	D
3132	Fabric mills	—	6	3	e	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	—	2	2	e	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	—	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills	—	8	4	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	—	6	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	41	6	526	14 895	414	874	10 318	33 424	29 443	63 692	2 299
3219	Other wood product manufacturing	3	23	5	e	D	D	D	D	D	D	D	946
322	Paper manufacturing	2	21	14	1 798	84 877	1 302	2 585	54 878	218 502	207 598	423 576	9 607
3221	Pulp, paper, and paperboard mills	2	8	8	g	D	D	D	D	D	D	D	D
32212	Paper mills	2	6	6	1 209	61 830	865	1 667	40 855	154 369	145 615	301 032	8 025
322121	Paper (except newsprint) mills	2	6	6	1 209	61 830	865	1 667	40 855	154 369	145 615	301 032	8 025
3222	Converted paper product manufacturing	—	13	6	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	6	4	263	9 738	186	418	5 841	22 203	31 882	53 909	162
322211	Corrugated and solid fiber box manufacturing	—	6	4	263	9 738	186	418	5 841	22 203	31 882	53 909	162
323	Printing and related support activities	2	90	21	2 133	78 757	1 719	3 386	57 004	208 568	106 878	314 120	21 665
3231	Printing and related support activities	2	90	21	2 133	78 757	1 719	3 386	57 004	208 568	106 878	314 120	21 665
32311	Printing	2	82	21	2 088	76 524	1 684	3 321	55 525	204 391	106 011	309 076	21 564
323110	Commercial lithographic printing	1	45	11	1 382	50 206	1 149	2 362	40 050	149 807	75 775	224 314	14 886
325	Chemical manufacturing	—	31	16	3 575	200 198	2 165	4 684	102 853	685 868	475 975	1 187 512	83 869
3251	Basic chemical manufacturing ...	—	8	4	1 339	90 003	874	1 877	50 571	242 652	226 413	472 797	34 441
32519	Other basic organic chemical manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	—	3	3	f	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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA—Con.												
	Albany-Schenectady-Troy, NY Metropolitan Statistical Area—Con.												
325	Chemical manufacturing—Con.												
3254	Pharmaceutical and medicine manufacturing	—	7	2	375	22 582	173	394	7 614	94 325	51 350	148 400	11 660
32541	Pharmaceutical and medicine manufacturing	—	7	2	375	22 582	173	394	7 614	94 325	51 350	148 400	11 660
325412	Pharmaceutical preparation manufacturing	—	4	2	371	22 373	170	390	7 525	93 633	50 874	147 232	11 595
3259	Other chemical product and preparation manufacturing	—	7	4	1 139	44 345	815	1 756	29 956	281 871	138 352	430 358	D
32599	All other chemical product and preparation manufacturing ...	—	6	4	g	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	—	4	3	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	36	15	1 899	59 380	1 426	2 630	38 298	128 453	107 246	235 192	6 133
3261	Plastics product manufacturing ..	3	31	15	1 857	58 122	1 396	2 569	37 510	125 800	103 914	229 211	6 020
32619	Other plastics product manufacturing	3	21	12	1 601	48 906	1 212	2 191	31 549	105 697	83 698	188 874	4 668
326199	All other plastics product manufacturing	3	21	12	1 601	48 906	1 212	2 191	31 549	105 697	83 698	188 874	4 668
327	Nonmetallic mineral product manufacturing	—	41	12	1 324	68 114	934	1 953	45 695	340 584	127 946	460 846	24 257
3273	Cement and concrete product manufacturing	1	22	7	578	24 646	427	772	16 316	147 717	60 685	205 245	16 573
3279	Other nonmetallic mineral product manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
32791	Abrasive product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	86	34	2 238	96 488	1 621	3 246	58 554	278 100	263 091	542 044	9 024
3323	Architectural and structural metals manufacturing	2	33	14	763	31 663	524	1 045	18 248	79 498	69 515	148 131	4 242
33231	Plate work and fabricated structural product manufacturing	1	14	9	416	18 660	289	552	10 629	50 777	51 929	102 029	2 802
332312	Fabricated structural metal manufacturing	1	10	7	343	16 643	232	435	9 170	47 618	48 648	95 689	D
33232	Ornamental and architectural metal products manufacturing	5	19	5	347	13 003	235	493	7 619	28 721	17 586	46 102	1 440
3324	Boiler, tank, and shipping container manufacturing	—	4	2	e	D	D	D	D	D	D	D	333
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	25	9	f	D	D	D	D	D	D	D	D
33271	Machine shops	3	22	7	416	17 951	323	648	11 889	34 790	16 101	51 930	2 942
332710	Machine shops	3	22	7	416	17 951	323	648	11 889	34 790	16 101	51 930	2 942
3329	Other fabricated metal product manufacturing	1	13	7	524	22 096	379	732	12 090	52 219	37 215	89 337	1 224
33291	Metal valve manufacturing	2	4	3	261	10 567	199	377	6 990	25 181	20 429	46 951	436
33299	All other fabricated metal product manufacturing	—	9	4	263	11 529	180	355	5 100	27 038	16 786	42 386	788
333	Machinery manufacturing	—	40	17	3 450	201 990	2 361	4 760	130 284	1 716 944	1 497 739	3 210 230	42 811
3336	Engine, turbine, and power transmission equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	9	6	f	D	D	D	D	D	D	D	4 010
33391	Pump and compressor manufacturing	—	3	3	e	D	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA—Con.												
	Albany-Schenectady-Troy, NY Metropolitan Statistical Area—Con.												
334	Computer and electronic product manufacturing	—	25	7	763	35 260	379	826	12 427	118 071	54 370	175 954	4 677
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	16	4	626	28 068	339	747	11 081	103 075	46 483	153 097	4 426
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	16	4	626	28 068	339	747	11 081	103 075	46 483	153 097	4 426
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	2	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	10	4	783	41 659	329	671	14 879	83 873	66 211	151 364	3 601
3353	Electrical equipment manufacturing	1	6	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	1	6	2	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
33599	All other electrical equipment and component manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	3	16	7	581	22 078	399	775	12 606	50 802	106 255	158 561	3 819
3365	Railroad rolling stock manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	22	9	1 139	40 224	862	1 766	24 078	140 268	94 634	235 647	2 602
3372	Office furniture (including fixtures) manufacturing	—	13	5	309	11 601	245	475	8 388	54 604	25 255	79 883	665
33721	Office furniture (including fixtures) manufacturing	—	13	5	309	11 601	245	475	8 388	54 604	25 255	79 883	665
3379	Other furniture related product manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
33791	Mattress manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33792	Blind and shade manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	61	13	798	22 956	531	940	11 944	45 177	32 556	79 212	4 758
3391	Medical equipment and supplies manufacturing	6	22	5	357	10 070	251	415	5 655	15 027	6 203	21 664	965
33911	Medical equipment and supplies manufacturing	6	22	5	357	10 070	251	415	5 655	15 027	6 203	21 664	965
3399	Other miscellaneous manufacturing	1	39	8	441	12 886	280	525	6 289	30 150	26 353	57 548	3 793
33999	All other miscellaneous manufacturing	1	13	5	256	7 367	161	331	3 936	13 580	17 300	32 158	3 045
339999	All other miscellaneous manufacturing	1	12	5	e	D	D	D	D	D	D	D	D
	Amsterdam, NY Micropolitan Statistical Area												
31-33	Manufacturing	3	70	28	3 637	112 723	2 750	5 797	71 383	364 140	270 613	628 648	16 166
311	Food manufacturing	1	9	3	427	13 288	335	773	9 259	112 104	40 876	152 831	2 677
3114	Fruit and vegetable preserving and specialty food manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	1	1	e	D	D	D	D	D	D	D	D
311422	Specialty canning	—	1	1	e	D	D	D	D	D	D	D	D

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ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA—Con.														
Amsterdam, NY Micropolitan Statistical Area—Con.														
323	Printing and related support activities	9	6	1	f	D	D	D	D	D	D	D	D	
3231	Printing and related support activities	9	6	1	f	D	D	D	D	D	D	D	D	
32311	Printing	9	6	1	f	D	D	D	D	D	D	D	D	
323110	Commercial lithographic printing	9	1	1	f	D	D	D	D	D	D	D	D	
326	Plastics and rubber products manufacturing	4	6	5		567	18 086	452	1 020	11 566	27 719	37 881	65 581	2 611
3261	Plastics product manufacturing ..	4	6	5		567	18 086	452	1 020	11 566	27 719	37 881	65 581	2 611
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	1	1	e	D	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	2	2	e	D	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	D
33131	Alumina and aluminum production and processing ...	—	2	2	e	D	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	8	9	3		320	10 390	241	483	6 235	24 367	16 794	41 136	807
334	Computer and electronic product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D	D
Glens Falls, NY Metropolitan Statistical Area														
31-33	Manufacturing	3	197	56		7 856	291 403	5 360	10 488	156 854	862 554	850 185	1 696 756	57 088
322	Paper manufacturing	4	12	8		1 588	70 131	1 084	2 199	41 948	329 520	339 355	653 315	24 851
3221	Pulp, paper, and paperboard mills	4	4	4		1 187	54 879	797	1 613	33 152	250 888	268 611	504 150	23 535
32212	Paper mills	4	4	4		1 187	54 879	797	1 613	33 152	250 888	268 611	504 150	23 535
322121	Paper (except newsprint) mills	4	4	4		1 187	54 879	797	1 613	33 152	250 888	268 611	504 150	23 535
3222	Converted paper product manufacturing	3	8	4		401	15 252	287	586	8 796	78 632	70 744	149 165	1 316
326	Plastics and rubber products manufacturing	—	6	2		284	10 915	231	454	8 225	30 185	29 757	60 170	D
3261	Plastics product manufacturing ..	—	5	2	e	D	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	26	6		590	22 071	464	987	14 730	64 600	38 141	103 760	6 662
3273	Cement and concrete product manufacturing	—	10	3		361	14 487	266	579	8 777	44 041	31 153	75 727	6 217
332	Fabricated metal product manufacturing	3	32	7		420	14 230	335	712	10 046	34 223	15 579	49 701	1 061
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	17	5		279	9 587	228	499	7 250	19 679	5 462	25 145	760
335	Electrical equipment, appliance, and component manufacturing	9	3	1	e	D	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	9	2	1	e	D	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	9	2	1	e	D	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	9	2	1	e	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA—Con.													
Glens Falls, NY Metropolitan Statistical Area—Con.													
337	Furniture and related product manufacturing	—	10	2	e	D	D	D	D	D	D	D	253
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	8	2	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	28	13	3 032	102 970	1 903	3 530	42 302	153 938	172 602	325 075	15 129
3391	Medical equipment and supplies manufacturing	3	13	8	2 805	96 163	1 743	3 204	38 153	138 618	165 113	302 407	14 248
33911	Medical equipment and supplies manufacturing	3	13	8	2 805	96 163	1 743	3 204	38 153	138 618	165 113	302 407	14 248
339112	Surgical and medical instrument manufacturing ..	3	8	8	2 786	95 646	1 731	3 188	37 905	137 625	164 722	301 023	14 220
Gloversville, NY Micropolitan Statistical Area													
31-33	Manufacturing	3	102	37	2 675	80 630	2 091	4 066	52 683	272 901	249 394	521 064	7 131
313	Textile mills	2	8	4	267	7 431	229	474	5 498	18 983	22 274	41 018	347
316	Leather and allied product manufacturing	5	28	11	f	D	D	D	D	D	D	D	D
3161	Leather and hide tanning and finishing.....	6	26	10	e	D	D	D	D	D	D	D	D
31611	Leather and hide tanning and finishing.....	6	26	10	e	D	D	D	D	D	D	D	D
316110	Leather and hide tanning and finishing.....	6	26	10	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	6	4	297	11 097	178	370	5 554	98 151	79 211	178 103	1 609
333	Machinery manufacturing	6	5	3	435	14 724	347	701	10 187	37 162	43 882	81 089	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	2	2	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	2	2	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	6	2	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	8	10	4	359	9 647	298	629	6 544	42 781	16 348	59 116	1 426
3399	Other miscellaneous manufacturing	9	4	3	306	7 608	267	569	5 732	35 258	15 064	50 317	D
Hudson, NY Micropolitan Statistical Area													
31-33	Manufacturing	1	80	21	1 898	62 733	1 350	2 726	35 373	165 216	147 094	314 278	4 848
326	Plastics and rubber products manufacturing	1	4	3	312	8 970	264	551	5 778	18 120	13 761	32 230	384
3261	Plastics product manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	9	2	397	9 419	297	594	6 464	34 941	25 182	61 661	598
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) 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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ITHACA-CORTLAND, NY COMBINED STATISTICAL AREA													
31-33	Manufacturing	2	164	53	7 128	254 335	5 018	9 776	150 767	761 214	662 475	1 410 150	41 671
321	Wood product manufacturing	8	14	7	f	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation ..	8	5	4	371	11 260	339	773	9 898	43 765	97 307	141 166	3 364
32111	Sawmills and wood preservation	8	5	4	371	11 260	339	773	9 898	43 765	97 307	141 166	3 364
321113	Sawmills	8	5	4	371	11 260	339	773	9 898	43 765	97 307	141 166	3 364
323	Printing and related support activities	1	19	4	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities	1	19	4	e	D	D	D	D	D	D	D	D
32311	Printing	1	16	3	e	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	10	3	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	9	9	3	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	9	3	2	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	22	9	g	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	-	2	1	e	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	-	2	1	e	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	-	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	12	4	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	2	15	6	e	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	3	3	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	9	6	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	3	3	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ITHACA-CORTLAND, NY COMBINED STATISTICAL AREA—Con.													
Cortland, NY Micropolitan Statistical Area													
31-33	Manufacturing	4	73	31	3 819	130 543	2 774	5 275	82 175	309 161	347 798	644 801	20 758
321	Wood product manufacturing	8	11	7	529	16 105	449	980	12 471	53 000	107 711	160 929	3 745
3211	Sawmills and wood preservation ..	8	5	4	371	11 260	339	773	9 898	43 765	97 307	141 166	3 364
32111	Sawmills and wood preservation	8	5	4	371	11 260	339	773	9 898	43 765	97 307	141 166	3 364
321113	Sawmills	8	5	4	371	11 260	339	773	9 898	43 765	97 307	141 166	3 364
325	Chemical manufacturing	9	6	3	498	21 195	354	700	13 201	44 290	42 296	86 641	4 002
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	9	3	2	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	12	5	873	24 398	714	1 340	17 366	58 239	39 695	100 425	1 546
3328	Coating, engraving, heat treating, and allied activities	—	2	1	e	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	—	2	1	e	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	4	3	480	16 570	354	478	10 913	38 859	31 602	62 455	D
3362	Motor vehicle body and trailer manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
Ithaca, NY Metropolitan Statistical Area													
31-33	Manufacturing	—	91	22	3 309	123 792	2 244	4 501	68 592	452 053	314 677	765 349	20 913
323	Printing and related support activities	—	11	3	390	12 203	294	539	7 789	23 304	19 541	42 673	838
3231	Printing and related support activities	—	11	3	390	12 203	294	539	7 789	23 304	19 541	42 673	838
32311	Printing	—	8	2	348	11 386	258	470	7 207	21 877	19 257	40 962	D
323110	Commercial lithographic printing	—	6	2	e	D	D	D	D	D	D	D	709
333	Machinery manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	3	14	5	453	22 296	196	391	6 207	50 252	47 034	97 268	D
3341	Computer and peripheral equipment manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	3	3	2	e	D	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ITHACA-CORTLAND, NY COMBINED STATISTICAL AREA—Con.													
Ithaca, NY Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA													
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
3116	Animal slaughtering and processing	2	164	55	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	2	164	55	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	4	45	9	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	2	96	36	h	D	D	D	D	D	D	D	D
311615	Poultry processing	1	22	9	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	4	25	9	g	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	4	25	9	g	D	D	D	D	D	D	D	D
311711	Seafood canning	4	6	2	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	4	19	7	f	D	D	D	D	D	D	D	D

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.											
311	Food manufacturing—Con.											
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	'290	'93	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	'164	'35	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	'118	'23	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
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	g	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	4	317	100	i	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	4	289	85	i	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	4	204	59	h	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
31332	Fabric coating mills	1	28	15	g	D	D	D	D	D	D	D
313320	Fabric coating mills	1	28	15	g	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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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
314	Textile product mills	3	'606	'122	j	D	D	D	D	D	D	D
3141	Textile furnishings mills	2	260	55	h	D	D	D	D	D	D	D
31411	Carpet and rug mills	5	15	3	e	D	D	D	D	D	D	D
314110	Carpet and rug mills	5	15	3	e	D	D	D	D	D	D	D
31412	Curtain and linen mills	2	245	52	h	D	D	D	D	D	D	D
314121	Curtain and drapery mills	3	155	24	h	D	D	D	D	D	D	D
314129	Other household textile product mills	2	90	28	g	D	D	D	D	D	D	D
3149	Other textile product mills	3	'346	'67	i	D	D	D	D	D	D	D
31491	Textile bag and canvas mills	3	'134	'21	g	D	D	D	D	D	D	D
314911	Textile bag mills	2	21	5	e	D	D	D	D	D	D	D
314912	Canvas and related product mills	3	'113	'16	g	D	D	D	D	D	D	D
31499	All other textile product mills	3	212	46	h	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
315	Apparel manufacturing	4	'2 821	'587	l	D	D	D	D	D	D	D
3151	Apparel knitting mills	3	183	47	h	D	D	D	D	D	D	D
31519	Other apparel knitting mills	3	168	46	h	D	D	D	D	D	D	D
315191	Outerwear knitting mills	3	162	46	h	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
31521	Cut and sew apparel contractors	6	1 517	242	j	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
315212	Women's, girls', and infants' cut and sew apparel contractors	6	1 383	218	j	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
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	3	57	16	g	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	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
315228	Men's and boys' cut and sew other outerwear manufacturing	3	25	9	e	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
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	2	34	12	h	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	3 994
315233	Women's and girls' cut and sew dress manufacturing	4	'201	'66	i	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
315239	Women's and girls' cut and sew other outerwear manufacturing	3	181	49	i	D	D	D	D	D	D	D
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

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

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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.											
316	Leather and allied product manufacturing—Con.											
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
322	Paper manufacturing	2	426	223	j	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	1	21	16	h	D	D	D	D	D	D	D
32212	Paper mills	1	12	9	h	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	1	12	9	h	D	D	D	D	D	D	D
32213	Paperboard mills	—	9	7	f	D	D	D	D	D	D	D
322130	Paperboard mills	—	9	7	f	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	405	207	j	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	2	185	103	i	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
322212	Folding paperboard box manufacturing	2	47	26	h	D	D	D	D	D	D	D
322213	Setup paperboard box manufacturing	1	15	10	g	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
322215	Nonfolding sanitary food container manufacturing ...	—	4	3	e	D	D	D	D	D	D	D

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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
322	Paper manufacturing—Con.												
3222	Converted paper product manufacturing—Con.												
32222	Paper bag and coated and treated paper manufacturing . . .	2	102	43	h	D	D	D	D	D	D	D	
322222	Coated and laminated paper manufacturing	2	65	29	h	D	D	D	D	D	D	D	
322224	Uncoated paper and multiwall bag manufacturing	—	7	5	f	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	
322226	Surface-coated paperboard manufacturing	1	7	4	e	D	D	D	D	D	D	D	
32223	Stationery product manufacturing	2	64	31	h	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	
322232	Envelope manufacturing	—	22	14	g	D	D	D	D	D	D	D	
322233	Stationery, tablet, and related product manufacturing	4	16	5	e	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	
322291	Sanitary paper product manufacturing	5	16	9	f	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	
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	
323110	Commercial lithographic printing	3	1 369	292	k	D	D	D	D	D	D	D	
323111	Commercial gravure printing	1	37	9	f	D	D	D	D	D	D	D	
323112	Commercial flexographic printing	2	68	26	g	D	D	D	D	D	D	D	
323113	Commercial screen printing	2	301	48	h	D	D	D	D	D	D	D	
323114	Quick printing	3	'612	'38	h	D	D	D	D	D	D	D	
323115	Digital printing	1	110	31	g	D	D	D	D	D	D	D	
323116	Manifold business forms printing	5	47	20	g	D	D	D	D	D	D	D	
323117	Books printing	3	63	14	g	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	
323119	Other commercial printing	5	'263	'34	h	D	D	D	D	D	D	D	
32312	Support activities for printing	3	'410	86	i	D	D	D	D	D	D	D	
323121	Tradebinding and related work	4	127	38	h	D	D	D	D	D	D	D	
323122	Prepress services	3	'283	48	h	D	D	D	D	D	D	D	
324	Petroleum and coal products manufacturing	—	116	25	h	D	D	D	D	D	D	D	
3241	Petroleum and coal products manufacturing	—	116	25	h	D	D	D	D	D	D	D	
32411	Petroleum refineries	—	7	2	g	D	D	D	D	D	D	D	
324110	Petroleum refineries	—	7	2	g	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	
324121	Asphalt paving mixture and block manufacturing	—	74	10	f	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	
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	

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
325	Chemical manufacturing—Con.												
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	41	27	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	—	41	27	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	—	37	27	g	D	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	D
32531	Fertilizer manufacturing	5	25	7	e	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing	5	24	7	e	D	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	D
325320	Pesticide and other agricultural chemical manufacturing	1	12	5	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	1	239	137	l	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	1	239	137	l	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	2	53	26	i	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	1	167	98	k	D	D	D	D	D	D	D	D
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	154	49	h	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	2	94	26	g	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	2	94	26	g	D	D	D	D	D	D	D	D
32552	Adhesive manufacturing	1	60	23	g	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing	1	60	23	g	D	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	D
32561	Soap and cleaning compound manufacturing	3	111	39	h	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	4	48	16	g	D	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	D
325613	Surface active agent manufacturing	3	15	9	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	1	184	100	j	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	1	184	100	j	D	D	D	D	D	D	D	D
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

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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.											
326	Plastics and rubber products manufacturing—Con.											
3261	Plastics product manufacturing—Con.											
32612	Plastics pipe, pipe fitting, and unlined profile shape manufacturing	1	55	30	g	D	D	D	D	D	D	D
326121	Unlined plastics profile shape manufacturing	1	47	23	g	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
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing	1	26	9	f	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
32614	Polystyrene foam product manufacturing	3	27	13	g	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	3	27	13	g	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
326150	Urethane and other foam product (except polystyrene) manufacturing	2	21	12	f	D	D	D	D	D	D	D
32616	Plastics bottle manufacturing	1	13	11	g	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	1	13	11	g	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	520	234	k	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	—	12	6	f	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	498	225	j	D	D	D	D	D	D	D
3262	Rubber product manufacturing	2	125	47	h	D	D	D	D	D	D	D
32621	Tire manufacturing	1	29	2	e	D	D	D	D	D	D	D
326212	Tire retreading	—	24	2	e	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
326220	Rubber and plastics hoses and belting manufacturing	3	9	4	f	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	2	87	41	h	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
326299	All other rubber product manufacturing	1	49	25	h	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	631	202	j	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	1	56	12	f	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	39	8	f	D	D	D	D	D	D	D
327113	Porcelain electrical supply manufacturing	—	9	4	e	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	3	140	36	g	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	3	140	36	g	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
327215	Glass product manufacturing made of purchased glass	3	110	32	g	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	3	260	108	i	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	3	142	65	h	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	3	142	65	h	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
327331	Concrete block and brick manufacturing	3	32	16	g	D	D	D	D	D	D	D
327332	Concrete pipe manufacturing	—	10	5	e	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	5	69	20	g	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	5	69	20	g	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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NAICS code	Geographic area and industry	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.											
327	Nonmetallic mineral product manufacturing—Con.											
3274	Lime and gypsum product manufacturing	2	13	5	e	D	D	D	D	D	D	D
32742	Gypsum product manufacturing	—	12	4	e	D	D	D	D	D	D	D
327420	Gypsum product manufacturing	—	12	4	e	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	4	162	41	h	D	D	D	D	D	D	D
32791	Abrasive product manufacturing	1	17	7	e	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	1	17	7	e	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
327991	Cut stone and stone product manufacturing	4	96	18	f	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	8	18	8	f	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
331	Primary metal manufacturing	1	'277	'123	j	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
33111	Iron and steel mills and ferroalloy manufacturing	—	6	4	f	D	D	D	D	D	D	D
331111	Iron and steel mills	—	6	4	f	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	28	14	g	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
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	7	6	f	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	21	8	f	D	D	D	D	D	D	D
331221	Rolled steel shape manufacturing	—	5	2	e	D	D	D	D	D	D	D
331222	Steel wire drawing	—	16	6	f	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
33131	Alumina and aluminum production and processing	1	21	9	g	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
331316	Aluminum extruded product manufacturing	1	5	4	f	D	D	D	D	D	D	D
3314	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	f	D	D	D	D	D	D	D
331512	Steel investment foundries	—	5	4	f	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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
331	Primary metal manufacturing—Con.												
3315	Foundries—Con.												
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	
3324	Boiler, tank, and shipping container manufacturing	2	71	32	h	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	D
332410	Power boiler and heat exchanger manufacturing . .	4	18	10	748	35 800	501	1 082	18 791	78 477	44 650	124 167	D
33242	Metal tank (heavy gauge) manufacturing	2	26	10	f	D	D	D	D	D	D	D	
332420	Metal tank (heavy gauge) manufacturing	2	26	10	f	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	
332431	Metal can manufacturing	—	8	6	f	D	D	D	D	D	D	D	
332439	Other metal container manufacturing	4	19	6	e	D	D	D	D	D	D	D	
3325	Hardware manufacturing	2	64	24	g	D	D	D	D	D	D	D	
33251	Hardware manufacturing	2	64	24	g	D	D	D	D	D	D	D	
332510	Hardware manufacturing	2	64	24	g	D	D	D	D	D	D	D	
3326	Spring and wire product manufacturing	3	133	37	h	D	D	D	D	D	D	D	
33261	Spring and wire product manufacturing	3	133	37	h	D	D	D	D	D	D	D	
332612	Spring (light gauge) manufacturing	5	16	2	e	D	D	D	D	D	D	D	
332618	Other fabricated wire product manufacturing	3	114	35	h	D	D	D	D	D	D	D	

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	1 305	180	j	D	D	D	D	D	D	D	
33271	Machine shops	4	1 017	94	i	D	D	D	D	D	D	D	
332710	Machine shops	4	1 017	94	i	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	
332721	Precision turned product manufacturing	2	217	63	h	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	
3328	Coating, engraving, heat treating, and allied activities	1	'329	'84	i	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	
332811	Metal heat treating	1	35	15	f	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	
332813	Electroplating, plating, polishing, anodizing, and coloring	1	176	39	h	D	D	D	D	D	D	D	
3329	Other fabricated metal product manufacturing	2	'356	'112	j	D	D	D	D	D	D	D	
33291	Metal valve manufacturing	—	69	31	i	D	D	D	D	D	D	D	
332911	Industrial valve manufacturing	—	27	15	h	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	
332913	Plumbing fixture fitting and trim manufacturing	1	15	6	g	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	
332991	Ball and roller bearing manufacturing	7	'19	'10	g	D	D	D	D	D	D	D	
332994	Small arms manufacturing...	—	10	5	f	D	D	D	D	D	D	D	
332995	Other ordnance and accessories manufacturing ..	9	4	2	e	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	
332999	All other miscellaneous fabricated metal product manufacturing	2	185	50	h	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	
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	

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.											
333	Machinery manufacturing—Con.											
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
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

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.											
334	Computer and electronic product manufacturing—Con.											
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
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

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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.											
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.											
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
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

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing—Con.												
33994	Office supplies (except paper) manufacturing—Con.												
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	
	Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area												
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
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

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area—Con.												
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
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	14 599	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

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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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
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
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

See footnotes at end of table.

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

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	Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area—Con.												
334	Computer and electronic product manufacturing—Con.												
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
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

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

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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	Bridgeport-Stamford-Norwalk, CT Metropolitan Statistical Area—Con.												
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
	Kingston, NY Metropolitan Statistical Area												
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
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

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NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.													
Kingston, NY Metropolitan Statistical Area—Con.													
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
New Haven-Milford, CT Metropolitan Statistical Area													
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
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

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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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New Haven-Milford, CT Metropolitan Statistical Area—Con.												
325	Chemical manufacturing—Con.												
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
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

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

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	New Haven-Milford, CT Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
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
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

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New Haven-Milford, CT Metropolitan Statistical Area—Con.												
334	Computer and electronic product manufacturing—Con.												
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
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

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New Haven-Milford, CT Metropolitan Statistical Area—Con.												
336	Transportation equipment manufacturing—Con.												
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
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area												
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

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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
311	Food manufacturing—Con.												
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
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

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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
312	Beverage and tobacco product manufacturing	2	89	26	h	D	D	D	D	D	D	89 818	
3121	Beverage manufacturing	1	81	25	h	D	D	D	D	D	D	D	
31211	Soft drink and ice manufacturing	2	52	18	h	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	
312120	Breweries	—	6	2	f	D	D	D	D	D	D	D	
31213	Wineries	3	21	3	e	D	D	D	D	D	D	D	
312130	Wineries	3	21	3	e	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	
31311	Fiber, yarn, and thread mills	—	30	9	f	D	D	D	D	D	D	D	
313112	Yarn texturizing, throwing, and twisting mills	—	6	4	f	D	D	D	D	D	D	D	
3132	Fabric mills	3	246	51	h	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	
313221	Narrow fabric mills	1	22	2	e	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	
313230	Nonwoven fabric mills	4	20	8	e	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
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

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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
315	Apparel manufacturing—Con.												
3152	Cut and sew apparel manufacturing—Con.												
31522	Men's and boys' cut and sew apparel manufacturing	2	114	37	h	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	
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	3	17	4	e	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	
315228	Men's and boys' cut and sew other outerwear manufacturing	3	24	8	e	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	
315232	Women's and girls' cut and sew blouse and shirt manufacturing	6	69	20	g	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	
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	
315239	Women's and girls' cut and sew other outerwear manufacturing	3	175	44	i	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	
315299	All other cut and sew apparel manufacturing	2	67	13	g	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	
31599	Apparel accessories and other apparel manufacturing	3	272	57	h	D	D	D	D	D	D	D	
315991	Hat, cap, and millinery manufacturing	3	62	17	g	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	
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	
3161	Leather and hide tanning and finishing	1	25	4	e	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	
316110	Leather and hide tanning and finishing	1	25	4	e	D	D	D	D	D	D	D	
3162	Footwear manufacturing	1	21	10	f	D	D	D	D	D	D	D	
31621	Footwear manufacturing	1	21	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	2	103	18	g	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	
316991	Luggage manufacturing	1	24	6	e	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	
316999	All other leather goods manufacturing	3	26	4	e	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
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
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	—	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	3	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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
323	Printing and related support activities—Con.												
3231	Printing and related support activities—Con.												
32311	Printing—Con.												
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
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

See footnotes at end of table.

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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
325	Chemical manufacturing—Con.												
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 unlaminated 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	Unlaminated 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 unlaminated 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	Unlaminated 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
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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
326	Plastics and rubber products manufacturing—Con.												
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
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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.													
331	Primary metal manufacturing—Con.													
3313	Alumina and aluminum production and processing	2	14	5	e	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		
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	D
331512	Steel investment foundries ..	—	5	4	f	D	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	D
331524	Aluminum foundries (except die-casting)	3	15	6	e	D	D	D	D	D	D	D	D	D
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	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	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	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

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
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
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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
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
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

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing—Con.												
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 ...	1	'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
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

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
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	—	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
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
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
33512	Lighting fixture manufacturing ..	2	129	50	h	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
3352	Household appliance manufacturing	6	8	3	e	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
335211	Electric housewares and household fan manufacturing	7	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.]

NAICS code	Geographic area and industry	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	5	'134	'48	h	D	D	D	D	D	D	'13 168	
33531	Electrical equipment manufacturing	5	'134	'48	h	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	'1 485	
335313	Switchgear and switchboard apparatus manufacturing ..	4	31	15	g	D	D	D	D	D	D	D	
335314	Relay and industrial control manufacturing	6	66	21	g	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	
335911	Storage battery manufacturing	—	6	3	f	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	
335929	Other communication and energy wire manufacturing ..	2	26	13	f	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	
335932	Noncurrent-carrying wiring device manufacturing	3	9	5	f	D	D	D	D	D	D	D	
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	
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	26	8	f	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	
336211	Motor vehicle body manufacturing	5	20	6	f	D	D	D	D	D	D	D	
3363	Motor vehicle parts manufacturing	2	158	39	h	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	
33632	Motor vehicle electrical and electronic equipment manufacturing	3	38	8	g	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	
33635	Motor vehicle transmission and power train parts manufacturing	2	17	4	e	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	
33636	Motor vehicle seating and interior trim manufacturing	—	7	5	e	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	
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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
336	Transportation equipment manufacturing—Con.												
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
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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
339	Miscellaneous manufacturing—Con.												
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
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
	Edison, NJ Metropolitan Division												
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

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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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Edison, NJ Metropolitan Division—Con.												
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
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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Edison, NJ Metropolitan Division—Con.												
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
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

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Edison, NJ Metropolitan Division—Con.												
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
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

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 ¹	All establishments ²		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)
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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Edison, NJ Metropolitan Division—Con.												
331	Primary metal manufacturing—Con.												
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
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

See footnotes at end of table.

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Edison, NJ Metropolitan Division—Con.												
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
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

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

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	Edison, NJ Metropolitan Division—Con.												
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
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

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Edison, NJ Metropolitan Division—Con.												
339	Miscellaneous manufacturing—Con.												
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
	Newark-Union, NJ-PA Metropolitan Division												
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	D
311812	Commercial bakeries	4	32	11	1 124	32 537	698	1 215	17 913	94 487	38 861	133 271	1 564
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

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Newark-Union, NJ-PA Metropolitan Division—Con.												
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
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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Newark-Union, NJ-PA Metropolitan Division—Con.												
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
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	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
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
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
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

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Newark-Union, NJ-PA Metropolitan Division—Con.												
325	Chemical manufacturing—Con.												
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
325991	Custom compounding of purchased resins	1	12	6	e	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
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
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 unlaminated 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	Unlaminated 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 unlaminated profile shape manufacturing	—	12	9	467	17 813	308	601	9 148	38 121	33 410	72 359	6 228
326121	Unlaminated 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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Newark-Union, NJ-PA Metropolitan Division—Con.												
331	Primary metal manufacturing—Con.												
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
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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Newark-Union, NJ-PA Metropolitan Division—Con.												
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities—Con.												
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
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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Newark-Union, NJ-PA Metropolitan Division—Con.												
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
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

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Newark-Union, NJ-PA Metropolitan Division—Con.												
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
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

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division												
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
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 manufacturing from purchased flour	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

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
311	Food manufacturing—Con.												
3119	Other food manufacturing—Con.												
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
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

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
315	Apparel manufacturing—Con.												
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
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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
321	Wood product manufacturing—Con.												
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
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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
324	Petroleum and coal products manufacturing—Con.												
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
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

See footnotes at end of table.

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

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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
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 un laminated 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	Un laminated 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 un laminated profile shape manufacturing	2	16	7	e	D	D	D	D	D	D	D	842
326121	Un laminated 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
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

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

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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
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

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
332	Fabricated metal product manufacturing—Con.												
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
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

See footnotes at end of table.

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
333	Machinery manufacturing—Con.												
3335	Metalworking machinery manufacturing—Con.												
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
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

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	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
334	Computer and electronic product manufacturing—Con.												
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
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

See footnotes at end of table.

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
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.

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	New York-Wayne-White Plains, NY-NJ Metropolitan Division—Con.												
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
	Suffolk County-Nassau County, NY Metropolitan Division												

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Suffolk County-Nassau County, NY Metropolitan Division—Con.												
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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	Suffolk County-Nassau County, NY Metropolitan Division—Con.												
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.

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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	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Suffolk County-Nassau County, NY Metropolitan Division—Con.												
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

See footnotes at end of table.

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Suffolk County-Nassau County, NY Metropolitan Division—Con.												
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

See footnotes at end of table.

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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Suffolk County-Nassau County, NY Metropolitan Division—Con.												
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

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	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Suffolk County-Nassau County, NY Metropolitan Division—Con.												
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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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

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	New York-Newark-Edison, NY-NJ-PA Metropolitan Statistical Area—Con.												
	Suffolk County-Nassau County, NY Metropolitan Division—Con.												
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
	Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area												
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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area—Con.												
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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	Poughkeepsie-Newburgh-Middletown, NY Metropolitan Statistical Area—Con.												
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
	Torrington, CT Micropolitan Statistical Area												
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

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	Torrington, CT Micropolitan Statistical Area—Con.												
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.

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 ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	Torrington, CT Micropolitan Statistical Area—Con.												
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
	Trenton-Ewing, NJ Metropolitan Statistical Area												
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

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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	NEW YORK-NEWARK-BRIDGEPORT, NY-NJ-CT-PA COMBINED STATISTICAL AREA—Con.												
	Trenton-Ewing, NJ Metropolitan Statistical Area—Con.												
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
	ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA												
31-33	Manufacturing	11	1 524	532	82 198	3 651 148	51 133	101 788	1 786 675	11 718 517	8 066 402	19 932 610	587 930
311	Food manufacturing	3	123	44	i	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	4	24	16	h	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	6	17	11	g	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	6	15	10	g	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	10	3	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	10	3	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	1	5	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	5	53	11	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	3	52	10	f	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	40	5	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	10	4	495	19 934	316	636	10 878	52 841	25 531	78 337	3 131
3119	Other food manufacturing	2	17	6	430	15 605	315	628	9 144	78 148	52 509	130 500	2 096
31199	All other food manufacturing	1	7	3	271	8 287	225	447	5 944	38 845	23 072	61 899	1 345
312	Beverage and tobacco product manufacturing	2	24	7	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	2	24	7	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	9	7	2	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
31212	Breweries	—	3	1	e	D	D	D	D	D	D	D	D
312120	Breweries	—	3	1	e	D	D	D	D	D	D	D	D
31213	Wineries	—	14	4	g	D	D	D	D	D	D	D	D
312130	Wineries	—	14	4	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.

[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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.													
315	Apparel manufacturing	—	17	4	f	D	D	D	D	D	D	D	1 216
3152	Cut and sew apparel manufacturing	—	14	4	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	36	9	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	3	28	6	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	33	22	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	31	20	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	17	14	g	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	10	8	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	4	3	346	14 175	180	379	7 359	31 307	54 293	86 157	1 550
323	Printing and related support activities	1	169	39	h	D	D	D	D	D	D	D	D
3231	Printing and related support activities	1	169	39	h	D	D	D	D	D	D	D	D
32311	Printing	2	146	33	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	—	72	21	g	D	D	D	D	D	D	D	D
323118	Blankbook, looseleaf binders, and devices manufacturing ..	7	2	2	e	D	D	D	D	D	D	D	D
32312	Support activities for printing ..	—	23	6	e	D	D	D	D	D	D	D	1 053
325	Chemical manufacturing	—	39	21	j	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	—	6	5	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	4	4	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	4	4	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	5	3	1 536	98 921	455	770	16 611	384 367	100 185	488 879	21 339
32541	Pharmaceutical and medicine manufacturing	—	5	3	1 536	98 921	455	770	16 611	384 367	100 185	488 879	21 339
325412	Pharmaceutical preparation manufacturing	2	4	2	e	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	3	4	3	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	5	2	2	e	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	5	2	2	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	15	7	j	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	—	10	5	j	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing	—	6	4	j	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	73	39	6 172	201 489	4 647	8 787	126 368	609 453	408 425	1 014 395	34 382
3261	Plastics product manufacturing ..	3	66	36	5 946	194 548	4 475	8 414	122 295	596 312	399 374	992 079	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	11	7	959	40 544	717	1 506	24 903	109 208	112 716	216 858	6 268
326111	Plastics bag manufacturing ..	—	5	1	e	D	D	D	D	D	D	D	2 051
32614	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	1	3	3	615	21 000	415	864	11 074	23 534	36 314	59 831	D
326150	Urethane and other foam product (except polystyrene) manufacturing	1	3	3	615	21 000	415	864	11 074	23 534	36 314	59 831	D
32616	Plastics bottle manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	—	1	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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.												
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32619	Other plastics product manufacturing	3	45	22	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	3	44	22	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	67	29	2 103	81 921	1 492	3 091	48 542	209 776	173 095	381 979	41 752
3271	Clay product and refractory manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
327113	Porcelain electrical supply manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	1	20	8	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	1	20	8	f	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	3	16	7	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	30	13	f	D	D	D	D	D	D	D	3 658
32739	Other concrete product manufacturing	2	8	5	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	2	8	5	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	8	11	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	351	106	i	D	D	D	D	D	D	D	D
3321	Forging and stamping.....	5	18	11	f	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	5	18	11	f	D	D	D	D	D	D	D	D
332116	Metal stamping	2	13	10	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	55	18	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	34	16	g	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	1	27	15	g	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	—	6	6	f	D	D	D	D	D	D	D	D
33241	Power boiler and heat exchanger manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	—	3	3	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827
33251	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827
332510	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	188	46	h	D	D	D	D	D	D	D	D
33271	Machine shops	3	133	19	1 613	64 330	1 160	2 254	40 019	137 924	56 350	191 458	11 518
332710	Machine shops	3	133	19	1 613	64 330	1 160	2 254	40 019	137 924	56 350	191 458	11 518
33272	Turned product and screw, nut, and bolt manufacturing	—	55	27	g	D	D	D	D	D	D	D	D
332721	Precision turned product manufacturing	—	45	25	g	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	1	33	10	f	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	1	33	10	f	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	1	19	5	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	24	9	882	35 700	554	1 150	17 799	115 900	68 790	179 240	3 465
33291	Metal valve manufacturing	1	5	3	312	13 868	151	327	5 364	52 234	14 603	65 866	640
33299	All other fabricated metal product manufacturing	—	19	6	570	21 832	403	823	12 435	63 666	54 187	113 374	2 825
332994	Small arms manufacturing....	—	2	1	e	D	D	D	D	D	D	D	D

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	ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.												
333	Machinery manufacturing	1	227	91	j	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	16	6	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	8	3	e	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	7	2	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	2	35	17	g	D	D	D	D	D	D	D	D
33322	Plastics and rubber industry machinery manufacturing	1	9	5	484	18 455	355	779	10 545	41 158	24 959	64 409	956
333220	Plastics and rubber industry machinery manufacturing ..	1	9	5	484	18 455	355	779	10 545	41 158	24 959	64 409	956
33329	Other industrial machinery manufacturing	2	25	12	1 948	108 937	744	1 250	35 221	246 606	182 055	429 687	6 452
333293	Printing machinery and equipment manufacturing ..	—	5	4	994	60 067	348	393	17 237	126 063	118 076	245 262	3 849
333298	All other industrial machinery manufacturing	7	12	5	684	35 711	249	524	10 872	94 816	42 104	136 334	D
3333	Commercial and service industry machinery manufacturing	—	33	15	1 129	48 504	773	1 617	28 538	82 499	71 444	158 069	6 491
33331	Commercial and service industry machinery manufacturing	—	33	15	1 129	48 504	773	1 617	28 538	82 499	71 444	158 069	6 491
333313	Office machinery manufacturing	—	4	2	257	9 698	189	388	6 457	23 835	22 733	45 572	D
333314	Optical instrument and lens manufacturing	—	18	8	588	30 503	368	772	18 071	46 764	27 378	77 475	4 611
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	7	4	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	7	4	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	7	3	3	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	1	89	31	h	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	1	89	31	h	D	D	D	D	D	D	D	D
333511	Industrial mold manufacturing	2	27	9	495	20 937	381	683	14 978	36 477	10 374	45 973	D
333512	Machine tool (metal cutting types) manufacturing	—	4	4	1 129	55 186	567	1 081	25 037	76 647	111 239	170 436	3 134
333514	Special die and tool, die set, jig, and fixture manufacturing	2	30	6	e	D	D	D	D	D	D	D	1 148
333515	Cutting tool and machine tool accessory manufacturing ...	2	18	7	e	D	D	D	D	D	D	D	D
333518	Other metalworking machinery manufacturing ..	3	8	4	695	26 135	396	789	12 846	39 228	33 862	77 013	1 608
3339	Other general purpose machinery manufacturing	—	45	17	g	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	6	4	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	6	9	2	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	30	11	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	1	19	5	350	13 491	208	370	5 831	24 798	17 129	44 093	D
334	Computer and electronic product manufacturing	—	78	39	i	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	11	5	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	11	5	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	9	5	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.												
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing	-	14	9	2 688	128 829	1 322	2 577	46 398	280 260	220 565	475 000	8 152
33421	Telephone apparatus manufacturing	-	4	3	307	12 094	159	363	3 991	32 394	13 524	44 591	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	3	307	12 094	159	363	3 991	32 394	13 524	44 591	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	-	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	23	10	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	23	10	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	24	14	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	24	14	g	D	D	D	D	D	D	D	D
334519	Other measuring and controlling device manufacturing	-	4	4	369	15 115	174	326	6 105	36 244	17 205	54 590	682
335	Electrical equipment, appliance, and component manufacturing	3	27	15	1 450	48 773	1 034	1 991	26 319	95 836	82 109	176 196	5 406
3351	Electric lighting equipment manufacturing	-	4	2	314	7 764	253	362	4 829	23 983	5 885	30 139	220
33512	Lighting fixture manufacturing ..	-	3	2	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	7	12	6	543	19 386	344	701	8 320	41 270	30 813	70 482	3 020
33531	Electrical equipment manufacturing	7	12	6	543	19 386	344	701	8 320	41 270	30 813	70 482	3 020
335314	Relay and industrial control manufacturing	6	10	5	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	1	11	7	593	21 623	437	928	13 170	30 583	45 411	75 575	2 166
33591	Battery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	21	10	i	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	14	9	h	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	61	12	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	36	4	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	23	8	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	23	8	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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ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	1	125	37	i	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	45	15	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	45	15	g	D	D	D	D	D	D	D	D
339111	Laboratory apparatus and furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	—	10	7	1 169	49 821	816	1 700	28 017	161 304	61 190	223 501	2 377
339116	Dental laboratories	1	21	3	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	80	22	h	D	D	D	D	D	D	D	D
33995	Sign manufacturing	4	24	5	e	D	D	D	D	D	D	D	D
339950	Sign manufacturing	4	24	5	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	29	11	h	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	2	24	8	f	D	D	D	D	D	D	D	D
Batavia, NY Micropolitan Statistical Area													
31-33	Manufacturing	1	98	34	3 464	121 136	2 406	4 689	71 233	300 051	421 182	715 208	16 813
311	Food manufacturing	—	8	6	612	18 693	448	969	13 765	62 694	194 073	257 976	3 743
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
311514	Dry, condensed, and evaporated dairy product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	8	11	2	327	8 862	257	495	5 860	23 625	12 498	36 106	869
3231	Printing and related support activities	8	11	2	327	8 862	257	495	5 860	23 625	12 498	36 106	869
32311	Printing	8	10	2	e	D	D	D	D	D	D	D	869
327	Nonmetallic mineral product manufacturing	3	12	4	506	22 056	377	846	15 033	31 999	63 931	95 956	3 117
332	Fabricated metal product manufacturing	—	16	2	439	18 343	231	488	8 870	41 406	24 176	61 427	746
3324	Boiler, tank, and shipping container manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33241	Power boiler and heat exchanger manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	13	4	453	15 538	282	439	5 857	44 240	22 820	64 412	735
3331	Agriculture, construction, and mining machinery manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	4	2	332	11 777	212	314	4 147	33 999	14 207	45 602	590
333111	Farm machinery and equipment manufacturing ..	—	4	2	332	11 777	212	314	4 147	33 999	14 207	45 602	590
Rochester, NY Metropolitan Statistical Area													
31-33	Manufacturing	*1	1 390	487	77 423	3 476 761	47 963	95 739	1 684 998	*11 229 329	7 526 163	*18 902 375	564 684
311	Food manufacturing	3	111	36	4 978	152 312	3 792	7 648	101 199	884 010	836 666	1 715 893	39 349
3114	Fruit and vegetable preserving and specialty food manufacturing	4	21	13	2 519	73 837	2 136	4 376	54 489	639 163	550 864	1 187 643	28 149
31141	Frozen food manufacturing	—	6	4	1 044	29 418	894	1 732	21 068	202 520	153 276	355 593	9 514
311411	Frozen fruit, juice, and vegetable manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	6	15	9	1 475	44 419	1 242	2 644	33 421	436 643	397 588	832 050	18 635
311421	Fruit and vegetable canning ..	6	13	8	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	9	3	615	17 493	480	1 019	12 183	28 752	44 890	72 977	1 871
31161	Animal slaughtering and processing	1	9	3	615	17 493	480	1 019	12 183	28 752	44 890	72 977	1 871
311612	Meat processed from carcasses	1	4	2	554	15 691	450	954	11 303	22 423	38 879	60 649	1 181

See footnotes at end of table.

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

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ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.													
Rochester, NY Metropolitan Statistical Area—Con.													
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing	5	52	11	1 028	30 823	576	1 050	15 829	89 031	73 942	161 954	4 698
31181	Bread and bakery product manufacturing	3	51	10	f	D	D	D	D	D	D	D	D
311811	Retail bakeries	5	39	5	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	10	4	495	19 934	316	636	10 878	52 841	25 531	78 337	3 131
3119	Other food manufacturing	2	17	6	430	15 605	315	628	9 144	78 148	52 509	130 500	2 096
31199	All other food manufacturing ...	1	7	3	271	8 287	225	447	5 944	38 845	23 072	61 899	1 345
312	Beverage and tobacco product manufacturing	2	15	5	1 607	72 436	645	1 315	22 010	148 427	139 314	286 015	21 357
3121	Beverage manufacturing	2	15	5	1 607	72 436	645	1 315	22 010	148 427	139 314	286 015	21 357
31211	Soft drink and ice manufacturing	9	7	2	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing ...	9	3	1	e	D	D	D	D	D	D	D	D
31212	Breweries	—	3	1	e	D	D	D	D	D	D	D	D
312120	Breweries	—	3	1	e	D	D	D	D	D	D	D	D
31213	Wineries	—	5	2	f	D	D	D	D	D	D	D	D
312130	Wineries	—	5	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	—	16	4	939	27 367	648	1 327	14 263	74 771	57 067	134 423	1 216
3152	Cut and sew apparel manufacturing	—	13	4	933	27 211	644	1 321	14 170	74 582	56 845	134 015	D
31522	Men's and boys' cut and sew apparel manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	33	7	e	D	D	D	D	D	D	D	2 004
3219	Other wood product manufacturing	3	25	4	e	D	D	D	D	D	D	D	636
322	Paper manufacturing	—	30	19	1 668	59 470	1 190	2 563	35 271	126 882	171 230	299 763	4 789
3222	Converted paper product manufacturing	—	29	18	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	15	12	1 097	36 124	856	1 861	22 896	74 089	90 593	165 930	2 194
322211	Corrugated and solid fiber box manufacturing	—	8	6	557	19 729	409	906	12 019	36 543	68 021	105 139	1 190
32222	Paper bag and coated and treated paper manufacturing ..	—	4	3	346	14 175	180	379	7 359	31 307	54 293	86 157	1 550
323	Printing and related support activities	1	156	36	3 580	122 268	2 577	4 798	74 089	255 797	155 813	413 880	17 407
3231	Printing and related support activities	1	156	36	3 580	122 268	2 577	4 798	74 089	255 797	155 813	413 880	17 407
32311	Printing	1	134	30	3 204	109 641	2 301	4 204	66 373	232 537	149 240	383 922	16 354
323110	Commercial lithographic printing	—	66	20	2 212	79 214	1 571	2 882	47 414	166 926	108 747	273 553	12 751
32312	Support activities for printing...	—	22	6	376	12 627	276	594	7 716	23 260	6 573	29 958	1 053
325	Chemical manufacturing	—	37	19	19 097	1 208 431	8 476	17 622	420 774	1 690 247	2 729 366	7 588 207	229 174
3251	Basic chemical manufacturing ...	—	5	4	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	5	3	1 536	98 921	455	770	16 611	384 367	100 185	488 879	21 339
32541	Pharmaceutical and medicine manufacturing	—	5	3	1 536	98 921	455	770	16 611	384 367	100 185	488 879	21 339
325412	Pharmaceutical preparation manufacturing	2	4	2	e	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	3	4	3	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	5	2	2	e	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	5	2	2	e	D	D	D	D	D	D	D	D

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	ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.												
	Rochester, NY Metropolitan Statistical Area—Con.												
325 3259	Chemical manufacturing—Con. Other chemical product and preparation manufacturing	r	15	7	j	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	r	10	5	j	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing	r	6	4	j	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	69	36	6 066	198 507	4 564	8 613	124 479	602 929	400 590	1 000 052	33 815
3261	Plastics product manufacturing ..	3	62	33	5 840	191 566	4 392	8 240	120 406	589 788	391 539	977 736	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	11	7	959	40 544	717	1 506	24 903	109 208	112 716	216 858	6 268
326111	Plastics bag manufacturing ..	—	5	1	e	D	D	D	D	D	D	D	2 051
32614	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	1	3	3	615	21 000	415	864	11 074	23 534	36 314	59 831	D
326150	Urethane and other foam product (except polystyrene) manufacturing	1	3	3	615	21 000	415	864	11 074	23 534	36 314	59 831	D
32616	Plastics bottle manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	3	42	20	2 355	69 648	1 808	3 415	44 008	156 903	108 758	266 458	7 761
326199	All other plastics product manufacturing	3	41	20	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	55	25	1 597	59 865	1 115	2 245	33 509	177 777	109 164	286 023	38 635
3271	Clay product and refractory manufacturing	—	3	3	304	9 996	213	434	4 896	21 196	7 827	28 976	D
3272	Glass and glass product manufacturing	1	19	8	592	23 856	416	860	13 654	83 127	53 637	136 823	D
32721	Glass and glass product manufacturing	1	19	8	592	23 856	416	860	13 654	83 127	53 637	136 823	D
327211	Flat glass manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	3	15	7	e	D	D	D	D	D	D	D	3 404
3273	Cement and concrete product manufacturing	3	24	11	602	22 153	417	820	12 913	64 535	40 464	104 057	2 683
331	Primary metal manufacturing	9	7	2	262	9 270	163	333	4 455	15 943	55 903	73 747	694
332	Fabricated metal product manufacturing	1	333	104	8 337	313 115	6 109	12 308	198 599	701 577	457 166	1 152 350	64 677
3321	Forging and stamping.....	5	17	11	730	24 314	567	1 023	16 048	49 406	45 664	94 641	19 160
33211	Forging and stamping.....	5	17	11	730	24 314	567	1 023	16 048	49 406	45 664	94 641	19 160
332116	Metal stamping	2	13	10	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	53	18	1 283	43 303	919	1 877	26 857	79 464	52 315	131 864	4 453
33232	Ornamental and architectural metal products manufacturing	1	32	16	1 135	38 174	810	1 664	23 739	69 398	41 779	111 258	4 089
332322	Sheet metal work manufacturing	1	26	15	1 057	34 815	770	1 579	22 366	63 789	37 483	101 452	3 890
3324	Boiler, tank, and shipping container manufacturing	—	5	5	688	28 016	449	918	15 639	48 734	78 147	129 041	7 757
33241	Power boiler and heat exchanger manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	—	2	2	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827
33251	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827
332510	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827

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	ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.												
	Rochester, NY Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	180	46	3 143	120 492	2 383	4 672	81 562	242 868	112 900	352 484	25 172
33271	Machine shops	3	128	19	1 593	63 680	1 147	2 229	39 571	136 739	55 816	189 754	11 477
332710	Machine shops	3	128	19	1 593	63 680	1 147	2 229	39 571	136 739	55 816	189 754	11 477
33272	Turned product and screw, nut, and bolt manufacturing	—	52	27	1 550	56 812	1 236	2 443	41 991	106 129	57 084	162 730	13 695
332721	Precision turned product manufacturing	—	43	25	1 486	53 892	1 188	2 340	40 276	100 075	53 888	153 559	13 467
3328	Coating, engraving, heat treating, and allied activities	1	28	9	497	13 644	375	730	9 449	27 918	7 740	35 636	654
33281	Coating, engraving, heat treating, and allied activities ..	1	28	9	497	13 644	375	730	9 449	27 918	7 740	35 636	654
3329	Other fabricated metal product manufacturing	—	24	9	882	35 700	554	1 150	17 799	115 900	68 790	179 240	3 465
33291	Metal valve manufacturing	1	5	3	312	13 868	151	327	5 364	52 234	14 603	65 866	640
33299	All other fabricated metal product manufacturing	—	19	6	570	21 832	403	823	12 435	63 666	54 187	113 374	2 825
332994	Small arms manufacturing...	—	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	206	84	8 897	391 459	5 236	10 160	188 634	760 673	632 088	1 384 480	38 737
3331	Agriculture, construction, and mining machinery manufacturing	—	9	3	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	2	34	17	2 432	127 392	1 099	2 029	45 766	287 764	207 014	494 096	7 408
33322	Plastics and rubber industry machinery manufacturing	1	9	5	484	18 455	355	779	10 545	41 158	24 959	64 409	956
333220	Plastics and rubber industry machinery manufacturing ..	1	9	5	484	18 455	355	779	10 545	41 158	24 959	64 409	956
33329	Other industrial machinery manufacturing	2	25	12	1 948	108 937	744	1 250	35 221	246 606	182 055	429 687	6 452
333293	Printing machinery and equipment manufacturing ..	—	5	4	994	60 067	348	393	17 237	126 063	118 076	245 262	3 849
333298	All other industrial machinery manufacturing	7	12	5	684	35 711	249	524	10 872	94 816	42 104	136 334	D
3333	Commercial and service industry machinery manufacturing	—	33	15	1 129	48 504	773	1 617	28 538	82 499	71 444	158 069	6 491
33331	Commercial and service industry machinery manufacturing	—	33	15	1 129	48 504	773	1 617	28 538	82 499	71 444	158 069	6 491
333313	Office machinery manufacturing	—	4	2	257	9 698	189	388	6 457	23 835	22 733	45 572	D
333314	Optical instrument and lens manufacturing	—	18	8	588	30 503	368	772	18 071	46 764	27 378	77 475	4 611
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	5	4	711	23 162	573	1 185	14 921	37 232	54 112	91 448	2 287
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	6	5	4	711	23 162	573	1 185	14 921	37 232	54 112	91 448	2 287
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	7	3	3	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	1	85	31	3 149	136 038	1 959	3 803	75 474	213 452	180 911	381 208	8 261
33351	Metalworking machinery manufacturing	1	85	31	3 149	136 038	1 959	3 803	75 474	213 452	180 911	381 208	8 261
333511	Industrial mold manufacturing	2	27	9	495	20 937	381	683	14 978	36 477	10 374	45 973	D
333512	Machine tool (metal cutting types) manufacturing	—	4	4	1 129	55 186	567	1 081	25 037	76 647	111 239	170 436	3 134
333514	Special die and tool, die set, jig, and fixture manufacturing	2	30	6	e	D	D	D	D	D	D	D	1 148
333515	Cutting tool and machine tool accessory manufacturing...	2	15	7	418	17 417	282	583	10 800	32 113	14 620	47 948	1 202
333518	Other metalworking machinery manufacturing ..	3	8	4	695	26 135	396	789	12 846	39 228	33 862	77 013	1 608

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.												
	Rochester, NY Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing	1	39	13	1 156	43 841	629	1 185	17 547	113 560	93 857	209 013	13 660
33392	Material handling equipment manufacturing	6	8	2	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	28	10	766	28 275	473	918	12 456	83 330	71 531	156 276	D
333999	All other miscellaneous general purpose machinery manufacturing	1	19	5	350	13 491	208	370	5 831	24 798	17 129	44 093	D
334	Computer and electronic product manufacturing	—	77	39	6 821	317 071	3 356	6 891	118 904	1 003 310	631 113	1 611 030	14 394
3341	Computer and peripheral equipment manufacturing	—	11	5	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	11	5	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	9	5	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	14	9	2 688	128 829	1 322	2 577	46 398	280 260	220 565	475 000	8 152
33421	Telephone apparatus manufacturing	—	4	3	307	12 094	159	363	3 991	32 394	13 524	44 591	D
334210	Telephone apparatus manufacturing	—	4	3	307	12 094	159	363	3 991	32 394	13 524	44 591	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	23	10	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	23	10	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	23	14	1 135	51 104	511	1 005	16 217	123 411	64 334	189 693	2 648
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	23	14	1 135	51 104	511	1 005	16 217	123 411	64 334	189 693	2 648
334519	Other measuring and controlling device manufacturing	—	4	4	369	15 115	174	326	6 105	36 244	17 205	54 590	682
335	Electrical equipment, appliance, and component manufacturing	3	27	15	1 450	48 773	1 034	1 991	26 319	95 836	82 109	176 196	5 406
3351	Electric lighting equipment manufacturing	—	4	2	314	7 764	253	362	4 829	23 983	5 885	30 139	220
33512	Lighting fixture manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	7	12	6	543	19 386	344	701	8 320	41 270	30 813	70 482	3 020
33531	Electrical equipment manufacturing	7	12	6	543	19 386	344	701	8 320	41 270	30 813	70 482	3 020
335314	Relay and industrial control manufacturing	6	10	5	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	1	11	7	593	21 623	437	928	13 170	30 583	45 411	75 575	2 166
33591	Battery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335912	Primary battery 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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA—Con.													
Rochester, NY Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	—	19	9	4 914	247 402	4 029	8 056	194 684	1 130 577	642 065	1 792 731	35 493
3363	Motor vehicle parts manufacturing	—	12	8	4 638	235 214	3 836	7 659	187 769	1 102 296	603 002	1 726 829	34 859
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	4	2	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	53	10	744	19 072	553	1 098	11 856	37 307	25 365	62 520	1 102
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	31	3	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	1	20	7	382	10 298	293	563	6 230	18 631	11 814	30 370	510
33721	Office furniture (including fixtures) manufacturing	1	20	7	382	10 298	293	563	6 230	18 631	11 814	30 370	510
339	Miscellaneous manufacturing	—	110	34	5 622	205 160	3 836	7 502	98 713	449 035	296 205	746 380	14 920
3391	Medical equipment and supplies manufacturing	—	41	14	2 284	104 094	1 390	2 814	44 249	259 365	127 319	384 514	4 410
33911	Medical equipment and supplies manufacturing	—	41	14	2 284	104 094	1 390	2 814	44 249	259 365	127 319	384 514	4 410
339111	Laboratory apparatus and furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	—	10	7	1 169	49 821	816	1 700	28 017	161 304	61 190	223 501	2 377
3399	Other miscellaneous manufacturing	—	69	20	3 338	101 066	2 446	4 688	54 464	189 670	168 886	361 866	10 510
33995	Sign manufacturing	4	23	5	434	14 885	274	520	7 272	20 438	14 324	36 422	493
339950	Sign manufacturing	4	23	5	434	14 885	274	520	7 272	20 438	14 324	36 422	493
33999	All other miscellaneous manufacturing	—	20	9	2 509	74 674	1 877	3 585	39 755	141 750	128 339	272 576	8 574
339991	Gasket, packing, and sealing device manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	—	16	6	e	D	D	D	D	D	D	D	D
Seneca Falls, NY Micropolitan Statistical Area													
31-33	Manufacturing	2	36	11	1 311	53 251	764	1 360	30 444	189 137	119 057	315 027	6 433
333	Machinery manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA													
31-33	Manufacturing	—	780	263	38 159	1 624 243	26 075	52 269	958 447	4 387 779	5 234 489	9 664 957	248 778
311	Food manufacturing	1	67	19	h	D	D	D	D	D	D	D	6 810
3113	Sugar and confectionery product manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
31132	Chocolate and confectionery manufacturing from cacao beans	—	2	1	e	D	D	D	D	D	D	D	D
311320	Chocolate and confectionery manufacturing from cacao beans	—	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.]

NAICS code	Geographic area and industry	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.												
311	Food manufacturing—Con.												
3114	Fruit and vegetable preserving and specialty food manufacturing	—	9	4	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	—	2	2	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	7	2	e	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	—	6	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	7	32	7	1 237	14 479	493	732	8 968	31 285	22 760	53 989	979
31181	Bread and bakery product manufacturing	7	29	7	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	8	6	3	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	10	2	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	10	2	g	D	D	D	D	D	D	D	D
31212	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	33	10	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	19	7	e	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	—	8	5	e	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	—	8	5	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	25	12	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	5	3	345	21 268	199	413	11 480	72 663	87 588	168 597	1 285
3222	Converted paper product manufacturing	—	20	9	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	13	6	g	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	99	18	1 334	45 596	965	1 809	28 196	98 904	83 810	182 366	5 505
3231	Printing and related support activities	1	99	18	1 334	45 596	965	1 809	28 196	98 904	83 810	182 366	5 505
32311	Printing	—	83	16	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	46	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	6	27	8	2 277	119 909	1 132	2 079	46 074	196 024	109 110	296 765	15 748
3254	Pharmaceutical and medicine manufacturing	6	8	4	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	6	8	4	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	6	6	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	26	15	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	25	15	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	22	13	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	22	13	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	34	16	1 513	58 308	1 171	2 346	40 399	134 255	124 123	264 676	8 130
3271	Clay product and refractory manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	7	3	e	D	D	D	D	D	D	D	D
32721	Glass and glass product 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.

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.												
327	Nonmetallic mineral product manufacturing—Con.											
3273	Cement and concrete product manufacturing	6	20	9	e	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	6	10	5	e	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	6	10	5	e	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	25	15	h	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	—	2	2	f	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
331111	Iron and steel mills	—	2	2	f	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	2	2	f	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	2	2	f	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	—	1	1	f	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	9	6	912	26 048	775	1 545	19 306	71 061	99 392	166 168
33142	Copper rolling, drawing, extruding, and alloying	—	6	5	f	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	3	2	e	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	—	3	3	f	D	D	D	D	D	D	D
3315	Foundries	—	12	5	f	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	5	2	f	D	D	D	D	D	D	D
331512	Steel investment foundries ..	—	1	1	e	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	145	45	3 364	128 750	2 394	4 643	76 687	281 414	136 122	426 596
3323	Architectural and structural metals manufacturing	1	26	8	f	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	1	11	6	e	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	1	8	5	e	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	3	4	2	e	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	60	16	861	30 477	667	1 417	21 591	70 187	31 909	100 559
33271	Machine shops	3	48	8	499	18 320	375	776	12 617	45 452	13 723	59 084
332710	Machine shops	3	48	8	499	18 320	375	776	12 617	45 452	13 723	59 084
33272	Turned product and screw, nut, and bolt manufacturing	3	12	8	362	12 157	292	641	8 974	24 735	18 186	41 475
332721	Precision turned product manufacturing	1	11	7	e	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	—	13	2	e	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	—	13	2	e	D	D	D	D	D	D	D
332813	Electroplating, plating, polishing, anodizing, and coloring	—	7	2	e	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	28	7	859	33 461	573	1 123	19 498	76 259	35 172	124 262
33299	All other fabricated metal product manufacturing	1	26	5	f	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	—	2	2	e	D	D	D	D	D	D	D
333	Machinery manufacturing	—	63	26	4 039	186 354	2 256	4 109	80 744	477 303	693 811	1 176 451
3332	Industrial machinery manufacturing	9	8	1	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	9	8	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	9	8	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	5	5	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	1 774
33361	Engine, turbine, and power transmission equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	1 774
333611	Turbine and turbine generator set units manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	15	8	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	3	3	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	2	7	4	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	54	22	h	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	13	8	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	9	6	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	9	6	f	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	3	1	e	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	24	10	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	1	24	10	g	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	—	9	4	669	24 735	398	774	12 661	87 818	44 140	131 187	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	12	3	383	22 240	89	181	2 592	43 698	33 349	77 199	998
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	12	3	383	22 240	89	181	2 592	43 698	33 349	77 199	998
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	3	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	27	13	h	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	1	18	8	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	1	18	8	g	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	1	13	6	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3359	Other electrical equipment and component manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing . . .	-	1	1	g	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	-	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	17	4	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	8	2	h	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	37	12	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	20	4	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	9	2	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	17	8	493	16 457	333	481	8 427	20 882	30 173	55 192	2 203
33721	Office furniture (including fixtures) manufacturing	2	17	8	493	16 457	333	481	8 427	20 882	30 173	55 192	2 203
337215	Showcase, partition, shelving, and locker manufacturing	3	8	4	339	11 040	225	269	5 255	11 602	24 092	39 432	1 576
339	Miscellaneous manufacturing	-	61	21	2 319	113 268	1 261	2 572	45 541	405 382	195 923	600 071	D
3391	Medical equipment and supplies manufacturing	-	24	4	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	24	4	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	-	5	2	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	37	17	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	20	10	668	28 343	439	920	14 312	97 160	63 836	161 474	D
339991	Gasket, packing, and sealing device manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	-	14	6	e	D	D	D	D	D	D	D	D
Auburn, NY Micropolitan Statistical Area													
31-33	Manufacturing	-	100	29	3 510	134 960	2 606	5 382	88 736	318 755	404 194	750 483	17 117
327	Nonmetallic mineral product manufacturing	-	9	6	675	29 515	516	1 045	20 089	76 302	57 111	140 384	4 635
3272	Glass and glass product manufacturing	-	4	3	375	18 281	279	577	12 495	64 986	43 942	111 375	D
32721	Glass and glass product manufacturing	-	4	3	375	18 281	279	577	12 495	64 986	43 942	111 375	D
331	Primary metal manufacturing	-	2	1	e	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
332	Fabricated metal product manufacturing	1	19	5	307	11 448	196	393	6 439	20 767	14 908	53 896	1 066

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.													
Auburn, NY Micropolitan Statistical Area—Con.													
333	Machinery manufacturing	—	9	3	1 024	41 918	733	1 538	25 748	50 261	168 753	220 149	4 228
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	e	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	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	3	2	f	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	—	2	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
Syracuse, NY Metropolitan Statistical Area													
31-33	Manufacturing	—	680	234	34 649	1 489 283	23 469	46 887	869 711	4 069 024	4 830 295	8 914 474	231 661
311	Food manufacturing	1	56	17	2 632	70 367	1 552	2 797	44 427	276 424	473 750	754 713	6 582
3113	Sugar and confectionery product manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
31132	Chocolate and confectionery manufacturing from cacao beans	—	2	1	e	D	D	D	D	D	D	D	D
311320	Chocolate and confectionery manufacturing from cacao beans	—	2	1	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	8	4	592	18 932	463	852	10 735	182 768	212 039	399 708	3 953
31141	Frozen food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311411	Frozen fruit, juice, and vegetable manufacturing ...	—	2	2	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	6	2	e	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning .	—	5	2	e	D	D	D	D	D	D	D	2 714
3118	Bakeries and tortilla manufacturing	9	27	6	1 169	13 375	471	686	8 349	25 313	20 715	45 934	940
31181	Bread and bakery product manufacturing	8	25	6	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	9	4	2	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
31212	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	25	9	478	13 016	400	780	9 245	29 146	39 889	68 507	2 135
3219	Other wood product manufacturing	—	17	7	e	D	D	D	D	D	D	D	1 567
32192	Wood container and pallet manufacturing	—	7	5	256	7 099	210	425	4 798	15 793	14 389	29 937	536
321920	Wood container and pallet manufacturing	—	7	5	256	7 099	210	425	4 798	15 793	14 389	29 937	536

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.													
Syracuse, NY Metropolitan Statistical Area—Con.													
322	Paper manufacturing	-	23	12	1 854	76 505	1 403	2 909	49 413	215 039	252 425	475 692	11 719
3221	Pulp, paper, and paperboard mills	-	5	3	345	21 268	199	413	11 480	72 663	87 588	168 597	1 285
3222	Converted paper product manufacturing	-	18	9	1 509	55 237	1 204	2 496	37 933	142 376	164 837	307 095	10 434
32221	Paperboard container manufacturing	-	12	6	1 216	45 244	979	1 987	31 721	120 049	149 493	269 234	D
322211	Corrugated and solid fiber box manufacturing	-	6	4	e	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	92	17	1 297	44 317	935	1 755	27 296	96 322	82 262	178 254	5 383
3231	Printing and related support activities	-	92	17	1 297	44 317	935	1 755	27 296	96 322	82 262	178 254	5 383
32311	Printing	-	78	15	1 164	39 637	837	1 572	23 951	84 743	79 238	163 636	5 085
323110	Commercial lithographic printing	1	43	7	537	17 898	363	650	10 689	35 120	27 183	62 344	2 290
325	Chemical manufacturing	6	27	8	2 277	119 909	1 132	2 079	46 074	196 024	109 110	296 765	15 748
3254	Pharmaceutical and medicine manufacturing	6	8	4	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	6	8	4	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	6	6	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	20	12	1 403	43 507	1 155	2 250	31 053	114 516	95 340	207 360	12 578
3261	Plastics product manufacturing ..	1	20	12	1 403	43 507	1 155	2 250	31 053	114 516	95 340	207 360	12 578
32619	Other plastics product manufacturing	1	18	11	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	18	11	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	4	25	10	838	28 793	655	1 301	20 310	57 953	67 012	124 292	3 495
3271	Clay product and refractory manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	7	17	7	303	11 972	227	486	8 269	32 768	34 668	67 442	2 087
331	Primary metal manufacturing	-	23	14	3 023	126 975	2 338	4 765	87 595	326 648	1 291 486	1 608 932	26 085
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
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	-	9	6	912	26 048	775	1 545	19 306	71 061	99 392	166 168	D
33142	Copper rolling, drawing, extruding, and alloying	-	6	5	f	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	-	3	2	e	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	-	3	3	f	D	D	D	D	D	D	D	D
3315	Foundries	-	11	5	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	4	2	f	D	D	D	D	D	D	D	D
331512	Steel investment foundries ..	-	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.												
	Syracuse, NY Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing	1	126	40	3 057	117 302	2 198	4 250	70 248	260 647	121 214	372 700	19 222
3323	Architectural and structural metals manufacturing	1	24	8	512	21 532	346	721	12 489	47 607	25 517	70 601	1 657
33231	Plate work and fabricated structural product manufacturing	1	10	6	398	16 113	279	579	9 877	37 656	21 888	56 894	889
332312	Fabricated structural metal manufacturing	1	8	5	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	52	14	793	28 202	610	1 306	19 949	66 199	29 549	94 186	8 577
33271	Machine shops	2	44	8	486	17 733	363	753	12 211	44 304	13 200	57 413	2 039
332710	Machine shops	2	44	8	486	17 733	363	753	12 211	44 304	13 200	57 413	2 039
33272	Turned product and screw, nut, and bolt manufacturing	3	8	6	307	10 469	247	553	7 738	21 895	16 349	36 773	6 538
332721	Precision turned product manufacturing	1	7	5	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	—	12	2	315	11 670	205	368	4 848	25 932	6 308	32 228	599
33281	Coating, engraving, heat treating, and allied activities ..	—	12	2	315	11 670	205	368	4 848	25 932	6 308	32 228	599
332813	Electroplating, plating, polishing, anodizing, and coloring	—	6	2	259	9 200	174	311	3 771	19 746	4 735	24 469	245
3329	Other fabricated metal product manufacturing	—	25	6	742	28 919	534	1 049	18 301	68 006	32 428	95 137	6 476
33299	All other fabricated metal product manufacturing	—	24	5	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	—	54	23	3 015	144 436	1 523	2 571	54 996	427 042	525 058	956 302	8 477
3332	Industrial machinery manufacturing	9	7	1	275	13 497	73	150	2 037	24 800	21 809	46 785	807
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	8	7	g	D	D	D	D	D	D	D	2 923
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	8	7	g	D	D	D	D	D	D	D	2 923
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	1 774
33361	Engine, turbine, and power transmission equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	1 774
333611	Turbine and turbine generator set units manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	2	12	6	350	14 845	200	268	6 659	29 621	21 820	55 844	758
334	Computer and electronic product manufacturing	1	51	21	2 891	112 706	1 748	3 448	44 020	266 873	187 140	455 368	11 663
3342	Communications equipment manufacturing	—	12	7	1 262	44 885	890	1 728	18 249	90 004	83 786	174 529	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	8	5	853	33 202	544	1 069	11 951	63 249	65 288	128 383	2 672
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	8	5	853	33 202	544	1 069	11 951	63 249	65 288	128 383	2 672
33429	Other communications equipment manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
334290	Other communications equipment 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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.												
	Syracuse, NY Metropolitan Statistical Area—Con.												
334	Computer and electronic product manufacturing—Con.												
3344	Semiconductor and other electronic component manufacturing	1	22	10	1 092	40 019	676	1 349	20 690	123 136	57 071	180 671	5 308
33441	Semiconductor and other electronic component manufacturing	1	22	10	1 092	40 019	676	1 349	20 690	123 136	57 071	180 671	5 308
334419	Other electronic component manufacturing	—	9	4	669	24 735	398	774	12 661	87 818	44 140	131 187	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	12	3	383	22 240	89	181	2 592	43 698	33 349	77 199	998
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	12	3	383	22 240	89	181	2 592	43 698	33 349	77 199	998
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	3	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	25	12	2 570	92 445	1 627	3 130	45 269	350 605	96 792	458 280	3 908
3353	Electrical equipment manufacturing	3	16	7	f	D	D	D	D	D	D	D	1 170
33531	Electrical equipment manufacturing	3	16	7	f	D	D	D	D	D	D	D	1 170
335314	Relay and industrial control manufacturing	4	12	5	640	17 360	379	804	7 114	31 966	22 291	55 292	D
3359	Other electrical equipment and component manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	11	3	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	5	1	h	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	35	12	1 653	54 922	1 209	2 377	33 146	102 111	63 246	167 258	4 768
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	18	4	1 160	38 465	876	1 896	24 719	81 229	33 073	112 066	2 565
33712	Household and institutional furniture manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	17	8	493	16 457	333	481	8 427	20 882	30 173	55 192	2 203
33721	Office furniture (including fixtures) manufacturing	2	17	8	493	16 457	333	481	8 427	20 882	30 173	55 192	2 203
337215	Showcase, partition, shelving, and locker manufacturing	3	8	4	339	11 040	225	269	5 255	11 602	24 092	39 432	1 576
339	Miscellaneous manufacturing	—	52	17	2 130	107 193	1 113	2 286	41 694	387 084	185 112	570 851	26 488
3391	Medical equipment and supplies manufacturing	—	23	4	1 348	76 325	614	1 252	26 194	286 242	116 291	401 084	D
33911	Medical equipment and supplies manufacturing	—	23	4	1 348	76 325	614	1 252	26 194	286 242	116 291	401 084	D
339112	Surgical and medical instrument manufacturing ..	—	5	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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA—Con.													
Syracuse, NY Metropolitan Statistical Area—Con.													
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing	—	29	13	782	30 868	499	1 034	15 500	100 842	68 821	169 767	D
33999	All other miscellaneous manufacturing	—	16	9	604	26 380	388	825	13 199	92 079	61 741	154 225	D
339991	Gasket, packing, and sealing device manufacturing	—	3	3	296	14 815	197	455	8 388	50 511	39 700	86 870	D
339999	All other miscellaneous manufacturing	—	11	5	e	D	D	D	D	D	D	D	2 039
BINGHAMTON, NY METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	'266	102	'18 784	'768 385	'9 990	'19 424	'305 627	'1 722 640	'1 617 330	'3 384 054	'102 868
311	Food manufacturing	—	20	9	1 392	37 129	1 026	1 776	25 977	269 720	241 057	512 081	33 358
3115	Dairy product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	—	7	3	295	9 774	222	445	5 928	31 946	34 832	67 978	D
3149	Other textile product mills	—	5	3	e	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills ...	—	4	2	e	D	D	D	D	D	D	D	D
314912	Canvas and related product mills	—	3	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	13	5	309	8 673	248	511	6 482	21 194	58 479	79 847	931
322	Paper manufacturing	—	5	4	279	9 724	207	357	5 887	21 612	30 424	51 812	1 067
3222	Converted paper product manufacturing	—	5	4	279	9 724	207	357	5 887	21 612	30 424	51 812	1 067
323	Printing and related support activities	2	'24	8	'728	'24 204	'566	'1 003	'15 342	'46 600	'29 909	'76 519	'1 802
3231	Printing and related support activities	2	'24	8	'728	'24 204	'566	'1 003	'15 342	'46 600	'29 909	'76 519	'1 802
32311	Printing	2	'19	7	'693	'23 338	'537	'968	'14 758	'44 976	'29 050	'74 030	'1 786
323117	Books printing	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	13	6	454	13 289	349	656	8 869	38 446	45 753	83 070	D
3261	Plastics product manufacturing ..	—	13	6	454	13 289	349	656	8 869	38 446	45 753	83 070	D
32612	Plastics pipe, pipe fitting, and unlined profile shape manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	19	5	378	11 167	255	539	7 326	28 018	21 287	50 088	1 560
3273	Cement and concrete product manufacturing	—	13	3	275	7 524	176	373	4 879	17 447	11 756	29 913	874
332	Fabricated metal product manufacturing	6	55	22	1 699	59 393	1 289	2 540	42 419	126 443	124 082	249 925	11 823
3323	Architectural and structural metals manufacturing	9	11	5	610	28 359	464	953	21 727	66 653	98 520	165 182	D
33231	Plate work and fabricated structural product manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	28	8	699	21 342	548	1 130	15 569	40 935	17 176	57 470	953
33271	Machine shops	1	22	5	457	14 663	367	717	10 861	30 272	13 386	43 012	569
332710	Machine shops	1	22	5	457	14 663	367	717	10 861	30 272	13 386	43 012	569

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BINGHAMTON, NY METROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	-	17	5	1 234	67 211	586	982	25 029	129 657	166 030	305 318	3 674
3332	Industrial machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	28	18	9 859	465 502	3 521	7 408	121 569	860 513	748 161	1 639 785	28 948
3341	Computer and peripheral equipment manufacturing	-	3	2	i	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	3	2	i	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	-	2	2	i	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	16	13	2 689	81 613	1 955	3 847	49 885	353 802	260 786	613 209	17 697
33441	Semiconductor and other electronic component manufacturing	-	16	13	2 689	81 613	1 955	3 847	49 885	353 802	260 786	613 209	17 697
334412	Bare printed circuit board manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	6	6	1 609	49 685	1 211	2 381	31 209	108 039	89 888	201 756	D
334419	Other electronic component manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	7	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	8	5	962	26 034	848	1 606	19 794	59 284	46 867	106 722	1 953
3353	Electrical equipment manufacturing	-	4	3	868	22 298	792	1 503	18 287	45 229	37 875	83 457	D
33531	Electrical equipment manufacturing	-	4	3	868	22 298	792	1 503	18 287	45 229	37 875	83 457	D
335312	Motor and generator manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	16	3	365	13 146	205	402	4 825	28 954	15 350	44 438	557
3372	Office furniture (including fixtures) manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	22	3	266	7 354	197	373	4 418	15 440	8 886	24 633	632
BUFFALO-CHEEKTOWAGA-TONAWANDA, NY METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	1 437	509	70 972	3 084 481	50 588	97 397	1 978 522	8 553 575	8 064 111	16 614 970	670 338
311	Food manufacturing	1	130	47	6 319	223 194	4 489	8 345	142 022	1 231 931	988 835	2 220 874	49 306
3112	Grain and oilseed milling	-	4	3	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	-	21	5	435	11 283	327	623	6 281	27 863	40 950	69 025	D
31133	Confectionery manufacturing from purchased chocolate	2	14	2	259	5 327	200	356	4 046	11 174	6 835	18 095	419
311330	Confectionery manufacturing from purchased chocolate ..	2	14	2	259	5 327	200	356	4 046	11 174	6 835	18 095	419

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	BUFFALO-CHEEKTOWAGATONAWANDA, NY METROPOLITAN STATISTICAL AREA—Con.												
311	Food manufacturing—Con.												
3114	Fruit and vegetable preserving and specialty food manufacturing	6	9	6	838	27 944	598	1 046	13 133	113 898	135 913	249 811	7 738
31141	Frozen food manufacturing	6	5	4	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	10	6	1 066	40 965	799	1 487	29 092	110 276	346 967	456 072	12 929
31151	Dairy product (except frozen) manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	11	6	1 009	35 443	754	1 446	21 672	110 832	136 238	247 624	1 954
31161	Animal slaughtering and processing	—	11	6	1 009	35 443	754	1 446	21 672	110 832	136 238	247 624	1 954
311612	Meat processed from carcasses	—	10	6	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	61	14	1 656	46 274	943	1 434	25 464	114 427	70 676	185 431	4 815
31181	Bread and bakery product manufacturing	2	54	12	1 363	37 594	676	966	18 158	86 597	30 863	117 357	3 547
311811	Retail bakeries	5	40	4	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	2	13	7	995	31 845	481	687	15 364	75 172	22 365	97 459	3 114
31182	Cookie, cracker, and pasta manufacturing	—	7	2	293	8 680	267	468	7 306	27 830	39 813	68 074	1 268
3119	Other food manufacturing	4	12	6	524	16 776	446	924	12 703	98 494	69 438	167 962	2 887
312	Beverage and tobacco product manufacturing	4	10	4	929	30 184	544	967	14 095	163 733	85 728	249 997	5 439
3121	Beverage manufacturing	4	9	4	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	4	8	4	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	5	6	3	f	D	D	D	D	D	D	D	D
314	Textile product mills	1	25	6	405	12 649	301	576	7 512	36 448	30 038	65 366	D
3149	Other textile product mills	1	20	6	390	12 333	290	551	7 345	35 898	29 472	64 250	D
315	Apparel manufacturing	5	18	5	1 513	41 497	1 099	1 794	19 754	106 029	48 262	151 420	3 576
3152	Cut and sew apparel manufacturing	9	8	1	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
31599	Apparel accessories and other apparel manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
315991	Hat, cap, and millinery manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	5	39	15	750	19 471	592	1 112	12 000	42 105	51 164	93 716	1 712
3219	Other wood product manufacturing	4	35	14	666	16 824	530	986	10 439	36 282	33 887	70 216	1 206
32199	All other wood product manufacturing	5	11	7	323	9 501	253	499	5 707	22 130	17 635	39 934	732
322	Paper manufacturing	—	29	14	1 349	47 921	1 041	2 206	33 492	117 610	155 931	274 328	8 619
3222	Converted paper product manufacturing	—	28	13	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	16	11	1 042	37 705	785	1 749	25 694	84 256	111 007	195 904	8 105
322211	Corrugated and solid fiber box manufacturing	—	9	9	797	28 667	602	1 362	19 168	65 150	89 710	155 490	7 898

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BUFFALO-CHEEKTOWAGA-TONAWANDA, NY METROPOLITAN STATISTICAL AREA—Con.													
323	Printing and related support activities	1	158	42	4 156	148 938	3 054	5 954	96 026	329 140	203 911	536 946	31 977
3231	Printing and related support activities	1	158	42	4 156	148 938	3 054	5 954	96 026	329 140	203 911	536 946	31 977
32311	Printing	1	140	36	3 828	136 098	2 801	5 443	87 265	300 588	194 806	500 145	30 299
323110	Commercial lithographic printing	1	66	24	1 888	68 770	1 246	2 410	38 717	148 093	109 242	259 270	18 102
323113	Commercial screen printing ..	—	15	3	273	7 870	203	377	4 180	25 995	4 165	30 181	1 195
323117	Books printing	—	7	3	1 126	40 699	997	1 999	34 191	83 045	48 546	134 001	D
32312	Support activities for printing ...	3	18	6	328	12 840	253	511	8 761	28 552	9 105	36 801	1 678
325	Chemical manufacturing	1	70	32	3 981	200 148	2 462	4 955	104 700	607 982	504 255	1 124 709	39 462
3251	Basic chemical manufacturing ...	—	21	14	1 855	106 374	1 149	2 466	63 845	306 039	253 217	571 150	24 264
32518	Other basic inorganic chemical manufacturing	—	9	6	1 243	75 158	871	1 911	51 118	207 807	127 209	346 012	14 835
325181	Alkalies and chlorine manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	1	6	5	341	17 171	155	318	7 077	67 921	77 076	144 284	D
325199	All other basic organic chemical manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	2	9	5	1 137	54 733	654	1 272	20 294	192 355	88 142	283 919	9 494
32541	Pharmaceutical and medicine manufacturing	2	9	5	1 137	54 733	654	1 272	20 294	192 355	88 142	283 919	9 494
325412	Pharmaceutical preparation manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .	1	13	4	269	8 205	201	324	4 811	36 812	24 256	62 371	1 629
3259	Other chemical product and preparation manufacturing	1	13	3	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	—	10	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	68	31	4 197	172 695	3 075	6 167	117 626	659 969	383 301	1 044 963	34 689
3261	Plastics product manufacturing ..	1	54	26	h	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	6	4	277	9 322	197	386	5 718	22 760	24 119	46 089	6 198
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
326121	Unlaminated plastics profile shape manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	3	36	16	1 319	46 661	1 009	2 072	29 583	117 495	75 590	193 456	7 597
326199	All other plastics product manufacturing	3	35	16	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	14	5	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	4	2	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	65	29	3 259	125 676	2 440	4 799	83 548	372 899	221 237	564 005	22 541
3271	Clay product and refractory manufacturing	—	9	6	1 117	42 721	845	1 690	30 910	90 698	53 300	142 381	8 237
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	3	3	701	23 944	550	1 043	16 483	45 030	26 322	70 442	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	—	6	3	416	18 777	295	647	14 427	45 668	26 978	71 939	D
3273	Cement and concrete product manufacturing	1	23	7	514	17 107	385	813	11 488	43 945	35 149	80 688	2 904
32732	Ready-mix concrete manufacturing	2	12	4	355	12 139	266	540	8 006	34 124	29 494	63 796	2 317
327320	Ready-mix concrete manufacturing	2	12	4	355	12 139	266	540	8 006	34 124	29 494	63 796	2 317

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.]

NAICS code	Geographic area and industry	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	BUFFALO-CHEEKTOWAGA-TONAWANDA, NY METROPOLITAN STATISTICAL AREA—Con.												
327	Nonmetallic mineral product manufacturing—Con.												
3279	Other nonmetallic mineral product manufacturing	—	26	16	1 603	65 065	1 191	2 257	40 569	237 142	130 440	337 473	11 235
32791	Abrasive product manufacturing	—	16	11	1 296	52 538	966	1 780	31 986	189 326	107 971	267 623	9 285
327910	Abrasive product manufacturing	—	16	11	1 296	52 538	966	1 780	31 986	189 326	107 971	267 623	9 285
32799	All other nonmetallic mineral product manufacturing	2	10	5	307	12 527	225	477	8 583	47 816	22 469	69 850	1 950
331	Primary metal manufacturing	—	24	20	2 413	119 677	1 721	3 521	75 265	380 765	490 315	878 290	16 897
3311	Iron and steel mills and ferroalloy manufacturing	—	5	5	f	D	D	D	D	D	D	D	2 309
33111	Iron and steel mills and ferroalloy manufacturing	—	5	5	f	D	D	D	D	D	D	D	2 309
331111	Iron and steel mills	—	3	3	e	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	2	7	6	755	40 215	470	1 049	20 566	94 806	144 513	234 417	D
33122	Rolling and drawing of purchased steel	2	7	6	755	40 215	470	1 049	20 566	94 806	144 513	234 417	D
331221	Rolled steel shape manufacturing	2	4	4	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	5	5	918	49 061	661	1 248	32 669	126 989	238 349	363 793	8 381
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	3	303	88	6 507	244 319	4 751	9 821	155 113	523 368	372 710	903 897	28 375
3321	Forging and stamping.....	1	14	9	429	16 333	317	619	8 987	33 366	20 613	54 605	1 644
33211	Forging and stamping.....	1	14	9	429	16 333	317	619	8 987	33 366	20 613	54 605	1 644
332116	Metal stamping	—	9	7	342	13 020	245	482	6 734	25 921	17 012	43 575	1 478
3323	Architectural and structural metals manufacturing	5	48	12	823	30 029	585	1 210	18 177	72 231	67 235	140 777	5 055
33231	Plate work and fabricated structural product manufacturing	6	23	7	449	17 561	320	668	10 554	46 470	50 737	98 279	2 929
332312	Fabricated structural metal manufacturing	6	19	7	430	16 894	306	641	10 144	45 436	50 087	96 595	2 902
33232	Ornamental and architectural metal products manufacturing	3	25	5	374	12 468	265	542	7 623	25 761	16 498	42 498	2 126
332322	Sheet metal work manufacturing	3	15	4	278	9 140	208	433	6 099	19 262	9 859	29 255	1 842
3324	Boiler, tank, and shipping container manufacturing	3	16	8	704	26 825	544	1 204	18 180	61 019	47 995	108 321	1 926
33241	Power boiler and heat exchanger manufacturing	2	9	5	538	21 084	414	935	14 210	47 524	34 744	81 753	1 349
332410	Power boiler and heat exchanger manufacturing ..	2	9	5	538	21 084	414	935	14 210	47 524	34 744	81 753	1 349
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	128	29	1 973	76 499	1 515	3 015	50 733	155 524	65 862	221 584	8 235
33271	Machine shops	4	105	21	1 145	42 479	870	1 705	28 902	82 944	30 733	113 153	4 209
332710	Machine shops	4	105	21	1 145	42 479	870	1 705	28 902	82 944	30 733	113 153	4 209
33272	Turned product and screw, nut, and bolt manufacturing	5	23	8	828	34 020	645	1 310	21 831	72 580	35 129	108 431	4 026
332721	Precision turned product manufacturing	6	18	6	753	31 181	595	1 211	20 536	64 194	30 878	95 962	D
3328	Coating, engraving, heat treating, and allied activities	—	40	11	865	32 501	563	1 185	19 822	81 247	74 906	160 326	3 477
33281	Coating, engraving, heat treating, and allied activities ..	—	40	11	865	32 501	563	1 185	19 822	81 247	74 906	160 326	3 477
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	14	6	336	13 254	229	454	7 178	28 536	13 528	42 395	2 931
332813	Electroplating, plating, polishing, anodizing, and coloring	2	21	4	e	D	D	D	D	D	D	D	268

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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	BUFFALO-CHEEKTOWAGA-TONAWANDA, NY METROPOLITAN STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing	2	29	9	1 150	43 534	842	1 849	28 632	76 042	73 435	150 944	7 256
33291	Metal valve manufacturing	2	10	6	982	37 145	718	1 592	24 761	65 279	65 682	132 406	6 757
332911	Industrial valve manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	6	3	3	398	13 971	257	500	7 442	31 928	18 907	47 604	D
333	Machinery manufacturing	1	152	61	7 942	394 422	4 154	8 406	170 252	890 394	511 646	1 401 004	38 677
3331	Agriculture, construction, and mining machinery manufacturing	1	5	3	411	21 369	309	813	14 793	33 407	38 888	71 666	3 228
33313	Mining and oil and gas field machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333132	Oil and gas field machinery and equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	1	17	6	496	22 837	277	638	11 706	45 501	30 298	78 112	1 435
33329	Other industrial machinery manufacturing	1	15	4	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	3	15	7	812	45 663	363	705	15 829	82 154	50 918	130 338	3 052
33331	Commercial and service industry machinery manufacturing	3	15	7	812	45 663	363	705	15 829	82 154	50 918	130 338	3 052
333314	Optical instrument and lens manufacturing	5	3	2	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	1	10	5	477	29 807	160	279	7 101	61 006	30 722	90 412	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	10	4	329	14 179	208	423	6 957	32 008	30 117	62 297	1 575
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	10	4	329	14 179	208	423	6 957	32 008	30 117	62 297	1 575
3335	Metalworking machinery manufacturing	2	51	11	916	39 995	560	996	21 832	68 723	51 071	122 078	2 845
33351	Metalworking machinery manufacturing	2	51	11	916	39 995	560	996	21 832	68 723	51 071	122 078	2 845
333514	Special die and tool, die set, jig, and fixture manufacturing	2	20	6	382	15 353	271	488	9 747	26 832	12 839	38 851	1 499
3336	Engine, turbine, and power transmission equipment manufacturing	—	11	7	667	29 184	411	773	15 831	70 017	44 248	115 007	2 757
33361	Engine, turbine, and power transmission equipment manufacturing	—	11	7	667	29 184	411	773	15 831	70 017	44 248	115 007	2 757
333612	Speed changer, industrial high-speed drive, and gear manufacturing	—	6	5	e	D	D	D	D	D	D	D	1 326
3339	Other general purpose machinery manufacturing	—	43	23	4 311	221 195	2 026	4 058	83 304	558 584	266 106	821 506	23 785
33391	Pump and compressor manufacturing	—	6	5	854	40 585	415	896	17 307	107 055	98 989	208 173	2 312
333911	Pump and pumping equipment manufacturing ..	—	4	3	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
33392	Material handling equipment manufacturing	2	10	4	278	11 843	153	304	4 168	19 982	21 962	42 120	1 210
33399	All other general purpose machinery manufacturing	1	27	14	3 179	168 767	1 458	2 858	61 829	431 547	145 155	571 213	20 263
333995	Fluid power cylinder and actuator manufacturing	—	6	6	2 513	137 692	1 126	2 172	51 281	369 005	98 725	461 068	D
334	Computer and electronic product manufacturing	1	65	28	3 203	123 701	1 784	3 516	48 888	261 433	196 729	458 356	13 725

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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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	BUFFALO-CHEEKTOWAGA-TONAWANDA, NY METROPOLITAN STATISTICAL AREA—Con.												
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing	2	12	5	710	26 292	364	641	8 741	55 451	57 054	110 308	5 168
33421	Telephone apparatus manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	5	3	380	11 844	216	338	4 612	27 125	18 371	43 299	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	5	3	380	11 844	216	338	4 612	27 125	18 371	43 299	D
3344	Semiconductor and other electronic component manufacturing	1	23	8	1 077	31 153	771	1 552	18 823	65 974	44 554	109 786	D
33441	Semiconductor and other electronic component manufacturing	1	23	8	1 077	31 153	771	1 552	18 823	65 974	44 554	109 786	D
334419	Other electronic component manufacturing	1	5	2	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	21	13	1 259	60 578	553	1 146	18 850	127 719	80 373	213 380	4 154
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	21	13	1 259	60 578	553	1 146	18 850	127 719	80 373	213 380	4 154
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	21	11	1 620	63 960	1 136	2 431	38 853	165 199	130 112	294 043	15 646
3359	Other electrical equipment and component manufacturing	—	10	5	1 228	51 276	850	1 831	30 988	133 739	100 573	233 006	D
33591	Battery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
335991	Carbon and graphite product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	52	26	17 677	952 266	14 959	26 924	779 499	2 223 126	3 398 437	5 616 653	326 455
3362	Motor vehicle body and trailer manufacturing	7	12	3	318	10 624	233	458	7 035	19 376	33 246	52 149	1 548
33621	Motor vehicle body and trailer manufacturing	7	12	3	318	10 624	233	458	7 035	19 376	33 246	52 149	1 548
3363	Motor vehicle parts manufacturing	—	29	17	16 321	899 069	13 974	25 125	747 094	2 113 069	3 290 752	5 395 373	319 800
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	5	2	h	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping	—	4	3	h	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	4	3	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.

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BUFFALO-CHEEKTOWAGA-TONAWANDA, NY METROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33639	Other motor vehicle parts manufacturing	—	11	6	5 126	281 078	4 004	8 951	206 415	686 189	583 945	1 266 568	20 253
336391	Motor vehicle air-conditioning manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	4	10	5	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	4	4	792	33 745	560	966	20 125	69 045	49 977	123 487	4 138
33641	Aerospace product and parts manufacturing	—	4	4	792	33 745	560	966	20 125	69 045	49 977	123 487	4 138
336413	Other aircraft parts and auxiliary equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	46	12	838	27 855	593	1 199	17 362	61 882	45 311	106 930	1 593
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	25	5	436	12 871	336	687	9 256	28 444	24 854	53 153	865
3372	Office furniture (including fixtures) manufacturing	1	16	5	311	11 748	205	398	6 812	25 467	13 781	39 187	372
33721	Office furniture (including fixtures) manufacturing	1	16	5	311	11 748	205	398	6 812	25 467	13 781	39 187	372
339	Miscellaneous manufacturing	1	132	33	3 583	122 862	2 183	4 294	55 321	330 562	189 620	522 570	13 899
3391	Medical equipment and supplies manufacturing	—	56	13	1 482	48 676	869	1 747	20 645	124 717	80 757	209 090	7 022
33911	Medical equipment and supplies manufacturing	—	56	13	1 482	48 676	869	1 747	20 645	124 717	80 757	209 090	7 022
339112	Surgical and medical instrument manufacturing ..	—	7	2	482	13 515	275	567	5 242	27 329	16 459	43 446	1 062
339113	Surgical appliance and supplies manufacturing	—	8	4	499	18 013	242	445	5 085	59 824	53 968	117 395	2 114
339116	Dental laboratories	3	29	4	343	10 889	235	510	6 521	22 918	4 762	27 346	3 256
3399	Other miscellaneous manufacturing	2	76	20	2 101	74 186	1 314	2 547	34 676	205 845	108 863	313 480	6 877
33994	Office supplies (except paper) manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
339944	Carbon paper and inked ribbon manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing	1	23	5	467	16 733	224	453	6 797	61 861	20 002	83 458	1 662
339950	Sign manufacturing	1	23	5	467	16 733	224	453	6 797	61 861	20 002	83 458	1 662
33999	All other miscellaneous manufacturing	3	36	10	954	29 589	700	1 314	16 954	67 211	47 771	112 749	1 295
339991	Gasket, packing, and sealing device manufacturing	2	7	3	390	11 475	304	522	6 930	27 772	19 150	47 575	564
339999	All other miscellaneous manufacturing	4	23	5	449	15 371	300	592	8 077	32 962	26 524	57 069	623
CORNING, NY MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	84	26	6 517	254 892	4 488	8 850	141 074	722 527	505 534	1 273 225	41 039
311	Food manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
311513	Cheese manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	13	5	g	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	—	3	2	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
327113	Porcelain electrical supply manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	6	7	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	6	7	3	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	6	5	3	f	D	D	D	D	D	D	D	D

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CORNING, NY MICROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing	-	9	1	496	15 011	373	820	10 453	22 564	18 538	42 090	429
3323	Architectural and structural metals manufacturing	-	4	1	e	D	D	D	D	D	D	D	389
33232	Ornamental and architectural metal products manufacturing	-	4	1	e	D	D	D	D	D	D	D	389
332322	Sheet metal work manufacturing	-	4	1	e	D	D	D	D	D	D	D	389
333	Machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	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
334	Computer and electronic product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	8	3	1 101	48 731	521	1 117	14 551	133 529	134 161	257 094	D
3365	Railroad rolling stock manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	5	3	820	25 754	653	1 036	17 444	46 731	25 546	72 652	D
3372	Office furniture (including fixtures) manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ELMIRA, NY METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	94	39	6 648	255 552	4 623	9 073	150 274	601 441	531 244	1 142 119	51 092
322	Paper manufacturing	-	3	2	410	17 149	305	508	8 874	33 859	29 728	62 812	D
3222	Converted paper product manufacturing	-	3	2	410	17 149	305	508	8 874	33 859	29 728	62 812	D
32221	Paperboard container manufacturing	-	3	2	410	17 149	305	508	8 874	33 859	29 728	62 812	D
322212	Folding paperboard box manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	7	4	601	28 035	515	1 052	22 568	84 755	50 539	136 854	D
3272	Glass and glass product manufacturing	-	4	3	551	25 792	478	964	21 176	79 562	48 223	129 345	D
32721	Glass and glass product manufacturing	-	4	3	551	25 792	478	964	21 176	79 562	48 223	129 345	D
327213	Glass container manufacturing	-	1	1	e	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ELMIRA, NY METROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing	1	25	12	1 290	44 774	901	1 797	27 266	111 534	81 800	194 672	6 706
3323	Architectural and structural metals manufacturing	2	5	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	10	4	329	10 825	180	416	5 099	18 845	15 300	34 864	1 473
3329	Other fabricated metal product manufacturing	—	4	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
333	Machinery manufacturing	—	7	4	829	35 504	513	995	18 355	71 607	38 530	119 208	2 017
3335	Metalworking machinery manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
333512	Machine tool (metal cutting types) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	7	5	2 055	78 875	1 495	3 089	47 896	195 119	232 210	425 056	9 444
3344	Semiconductor and other electronic component manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
334411	Electron tube manufacturing .	—	2	2	g	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	5	4	876	32 335	521	895	14 713	64 466	65 219	129 890	2 370
3364	Aerospace product and parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
JAMESTOWN-DUNKIRK-FREDONIA, NY MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	226	81	12 349	431 369	9 268	16 890	271 840	1 504 507	1 213 905	2 711 899	80 949
311	Food manufacturing	—	20	9	2 444	92 920	1 726	3 344	57 572	545 518	460 033	1 004 849	32 248
3111	Animal food manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	—	3	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
3114	Fruit and vegetable preserving and specialty food manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	3	2	g	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning .	—	3	2	g	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
3119	Other food manufacturing	1	3	2	333	10 489	257	379	6 945	14 444	12 266	26 710	D
31199	All other food manufacturing ...	—	2	2	e	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	11	3	340	13 700	269	504	9 632	33 472	16 743	48 465	812
331	Primary metal manufacturing	1	4	2	253	7 778	204	395	5 619	17 997	15 429	26 083	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
JAMESTOWN-DUNKIRK-FREDONIA, NY MICROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing	—	53	19	1 846	73 627	1 360	2 788	48 556	145 309	99 783	250 215	8 046
3323	Architectural and structural metals manufacturing	2	11	7	621	23 085	422	912	13 151	43 184	22 450	67 103	1 417
33232	Ornamental and architectural metal products manufacturing	2	9	6	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	3	3	411	15 592	267	589	8 439	28 579	9 428	39 256	393
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	19	4	308	10 999	255	383	8 158	23 327	8 901	32 904	749
3329	Other fabricated metal product manufacturing	—	8	3	371	15 631	324	691	12 986	35 415	36 026	73 660	D
33299	All other fabricated metal product manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	24	8	1 522	57 937	1 239	2 620	41 946	232 514	220 315	449 631	16 233
3335	Metalworking machinery manufacturing	5	15	5	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	5	15	5	e	D	D	D	D	D	D	D	D
333514	Special die and tool, die set, jig, and fixture manufacturing	4	10	3	260	9 265	220	400	7 566	13 137	6 415	19 482	504
3336	Engine, turbine, and power transmission equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	7	5	562	18 334	329	692	9 892	37 220	27 197	65 381	2 990
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
336	Transportation equipment manufacturing	—	10	7	1 520	63 181	1 037	2 080	30 591	135 857	146 420	280 290	5 724
3363	Motor vehicle parts manufacturing	—	9	6	g	D	D	D	D	D	D	D	5 724
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
33639	Other motor vehicle parts manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	27	12	2 624	64 942	2 184	2 600	43 353	256 185	128 564	389 779	6 629
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	16	6	2 280	53 792	1 970	2 167	37 674	226 540	92 962	324 794	5 716
33712	Household and institutional furniture manufacturing	—	9	5	2 241	52 730	1 936	2 099	36 906	224 805	91 844	321 941	5 614
337122	Nonupholstered wood household furniture manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
MALONE, NY MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	28	6	658	15 756	588	964	12 438	44 181	64 556	119 473	1 907

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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OGDENSBURG-MASSENA, NY MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	79	26	4 081	199 840	3 135	6 384	143 176	814 427	640 862	1 477 374	65 635
311	Food manufacturing	-	16	4	456	14 318	379	813	10 702	76 695	127 927	204 207	4 557
3115	Dairy product manufacturing	-	5	4	362	10 982	312	689	8 428	54 886	109 125	163 598	4 325
31151	Dairy product (except frozen) manufacturing	-	5	4	362	10 982	312	689	8 428	54 886	109 125	163 598	4 325
327	Nonmetallic mineral product manufacturing	1	'11	'3	'320	'13 600	'220	'470	'8 672	'54 417	'20 434	'72 432	D
3272	Glass and glass product manufacturing	1	3	2	251	11 310	171	360	7 005	44 922	12 926	55 876	D
32721	Glass and glass product manufacturing	1	3	2	251	11 310	171	360	7 005	44 922	12 926	55 876	D
331	Primary metal manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	3	3	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	3	3	g	D	D	D	D	D	D	D	D
331312	Primary aluminum production	-	2	2	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	-	1	1	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	-	1	1	f	D	D	D	D	D	D	D	D
331521	Aluminum die-casting foundries	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	8	3	303	9 578	220	362	5 222	28 795	32 068	61 937	1 020
334	Computer and electronic product manufacturing	7	5	4	276	10 541	167	309	3 733	21 689	23 048	44 753	D
OLEAN, NY MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	98	39	5 023	195 313	3 556	7 090	125 297	504 348	366 953	837 328	33 129
321	Wood product manufacturing	2	22	9	687	18 792	557	1 065	12 318	37 544	48 962	85 907	2 333
3219	Other wood product manufacturing	1	15	6	547	14 132	439	834	8 589	28 728	34 788	63 372	1 583
32191	Millwork	-	7	3	329	8 271	258	525	4 898	15 563	26 036	41 699	450
325	Chemical manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	2	2	e	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	-	2	2	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
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
332	Fabricated metal product manufacturing	-	18	6	900	36 776	821	1 636	32 965	84 751	30 490	106 882	D
3322	Cutlery and handtool manufacturing	-	5	3	750	32 627	713	1 430	30 347	74 237	26 308	91 892	D
33221	Cutlery and handtool manufacturing	-	5	3	750	32 627	713	1 430	30 347	74 237	26 308	91 892	D
332211	Cutlery and flatware (except precious) manufacturing ...	-	4	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	12	5	1 356	69 354	567	1 184	32 209	153 695	126 885	252 831	2 019
3339	Other general purpose machinery manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	-	1	1	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
OLEAN, NY MICROPOLITAN STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing	-	7	3	380	9 490	274	516	4 973	25 564	10 444	36 238	D
3344	Semiconductor and other electronic component manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
334414	Electronic capacitor manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
ONEONTA, NY MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	72	13	1 271	38 777	966	1 921	24 326	135 786	79 758	214 577	6 343
PLATTSBURGH, NY MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	103	30	4 624	163 096	3 924	7 682	127 816	405 144	474 997	878 072	41 778
322	Paper manufacturing	-	4	2	f	D	D	D	D	D	D	D	2 085
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
325	Chemical manufacturing	-	4	3	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
325412	Pharmaceutical preparation manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	6	8	7	816	23 142	656	1 345	14 569	65 039	63 267	126 823	5 069
3261	Plastics product manufacturing ..	7	7	6	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	8	4	3	489	15 068	404	815	10 192	36 394	29 983	66 291	1 976
326199	All other plastics product manufacturing	8	4	3	489	15 068	404	815	10 192	36 394	29 983	66 291	1 976
335	Electrical equipment, appliance, and component manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
UTICA-ROME, NY METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	339	107	17 347	532 166	12 810	24 772	345 134	1 533 967	1 416 270	2 947 523	74 653
311	Food manufacturing	4	37	11	820	27 401	637	1 267	19 047	109 477	135 706	245 117	5 695
3118	Bakeries and tortilla manufacturing	9	23	4	418	10 359	328	603	6 970	35 498	23 226	58 656	1 188
31181	Bread and bakery product manufacturing	9	21	3	e	D	D	D	D	D	D	D	D
313	Textile mills	1	7	4	272	7 780	214	440	5 066	15 157	13 925	29 292	D
314	Textile product mills	-	9	3	f	D	D	D	D	D	D	D	D
3149	Other textile product mills	-	6	3	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ..	-	5	3	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	-	3	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	21	6	538	15 507	411	812	9 889	45 453	34 588	79 860	1 457
3219	Other wood product manufacturing	-	12	4	361	10 434	285	562	7 026	35 350	22 136	57 519	1 009

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	UTICA-ROME, NY METROPOLITAN STATISTICAL AREA—Con.												
322	Paper manufacturing	—	8	5	387	15 701	310	683	11 391	47 286	56 077	103 196	1 970
323	Printing and related support activities	1	29	5	555	20 914	413	813	12 692	75 320	20 061	96 078	2 402
3231	Printing and related support activities	1	29	5	555	20 914	413	813	12 692	75 320	20 061	96 078	2 402
32311	Printing	1	28	5	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	14	3	273	11 908	202	405	7 768	57 431	10 088	68 104	1 551
325	Chemical manufacturing	—	6	2	584	12 011	448	886	6 134	128 742	56 747	184 566	4 083
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	3	13	11	2 136	83 231	1 648	3 088	57 224	210 325	341 750	554 096	9 841
3314	Nonferrous metal (except aluminum) production and processing	4	9	9	g	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	1	5	5	g	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	2	2	f	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	4	3	3	f	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	6	4	4	850	33 552	622	1 059	22 389	95 323	150 048	247 225	3 534
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	7	3	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	64	16	2 415	87 042	2 005	3 808	65 151	267 438	141 298	406 641	7 233
3324	Boiler, tank, and shipping container manufacturing	9	3	1	e	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
332420	Metal tank (heavy gauge) manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	5	34	6	423	12 504	325	601	8 725	35 816	16 096	51 866	D
33271	Machine shops	6	31	5	358	10 764	268	480	7 297	32 059	13 747	45 972	2 002
332710	Machine shops	6	31	5	358	10 764	268	480	7 297	32 059	13 747	45 972	2 002
3329	Other fabricated metal product manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
332994	Small arms manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	33	10	865	29 392	582	1 147	14 230	70 082	60 153	134 489	3 424
3332	Industrial machinery manufacturing	—	8	5	323	10 797	223	386	5 295	23 977	16 560	39 802	1 672
33329	Other industrial machinery manufacturing	—	8	5	323	10 797	223	386	5 295	23 977	16 560	39 802	1 672
334	Computer and electronic product manufacturing	5	9	4	1 055	20 521	290	597	7 381	50 337	63 791	114 610	D
3341	Computer and peripheral equipment manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	15	6	977	33 822	608	1 207	16 373	84 764	123 230	210 510	2 526
3359	Other electrical equipment and component manufacturing	—	10	6	944	32 597	584	1 160	15 753	81 688	120 910	205 114	2 446
33592	Communication and energy wire and cable manufacturing	—	5	4	774	26 865	460	939	12 432	70 703	114 468	187 653	D
335921	Fiber optic cable manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	—	2	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
UTICA-ROME, NY METROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	1	3	3	1 631	34 084	1 134	2 028	22 145	85 364	116 560	178 240	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
3364	Aerospace product and parts manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	4	2	2	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	—	14	4	1 006	28 616	872	1 713	23 265	47 093	28 544	75 286	1 763
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	12	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	36	9	2 936	87 562	2 352	4 701	58 031	235 791	117 430	369 118	19 287
3391	Medical equipment and supplies manufacturing	8	12	4	1 388	45 341	1 032	2 088	23 549	138 059	70 142	208 619	D
33911	Medical equipment and supplies manufacturing	8	12	4	1 388	45 341	1 032	2 088	23 549	138 059	70 142	208 619	D
339112	Surgical and medical instrument manufacturing ..	9	2	1	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	—	24	5	1 548	42 221	1 320	2 613	34 482	97 732	47 288	160 499	D
33991	Jewelry and silverware manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
339912	Silverware and hollowware manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
WATERTOWN-FORT DRUM, NY MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	89	26	2 916	109 059	2 092	3 944	66 346	263 750	331 217	595 221	21 209
311	Food manufacturing	1	12	5	333	10 811	262	568	7 874	26 357	128 133	155 234	2 296
322	Paper manufacturing	4	9	6	473	29 291	391	829	21 261	49 885	69 576	119 176	3 638
3221	Pulp, paper, and paperboard mills	4	6	5	345	25 124	286	609	18 587	41 864	58 521	100 084	2 066
325	Chemical manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
325612	Polish and other sanitation good manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	4	3	417	9 576	317	390	5 141	19 310	11 297	32 048	D
3353	Electrical equipment manufacturing	—	4	3	417	9 576	317	390	5 141	19 310	11 297	32 048	D
33531	Electrical equipment manufacturing	—	4	3	417	9 576	317	390	5 141	19 310	11 297	32 048	D
335312	Motor and generator manufacturing	—	4	3	417	9 576	317	390	5 141	19 310	11 297	32 048	D
336	Transportation equipment manufacturing	—	2	1	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	WATERTOWN-FORT DRUM, NY MICROPOLITAN STATISTICAL AREA—Con.												
339	Miscellaneous manufacturing	1	9	2	e	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	1	6	2	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	1	6	2	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	3	2	e	D	D	D	D	D	D	D	D

¹Some 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.

²Includes establishments with payroll at any time during the year.

³Industries 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.

⁴Number 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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALBANY													
31-33	Manufacturing	1	260	82	9 410	399 304	6 208	12 589	221 798	1 521 615	978 834	2 514 823	107 950
311	Food manufacturing	2	30	9	746	24 113	563	1 068	17 878	108 476	151 748	259 118	2 585
323	Printing and related support activities	4	46	10	584	21 816	419	804	13 733	51 557	29 834	81 431	D
3231	Printing and related support activities	4	46	10	584	21 816	419	804	13 733	51 557	29 834	81 431	D
32311	Printing	4	41	10	548	20 062	392	755	12 635	48 296	29 098	77 434	D
325	Chemical manufacturing	-	15	8	1 366	53 182	912	1 949	33 063	323 049	156 041	486 720	D
3259	Other chemical product and preparation manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	-	4	3	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	15	7	f	D	D	D	D	D	D	D	2 156
3261	Plastics product manufacturing ..	3	12	7	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	7	4	633	19 827	436	814	12 058	50 492	27 719	78 281	D
326199	All other plastics product manufacturing	2	7	4	633	19 827	436	814	12 058	50 492	27 719	78 281	D
327	Nonmetallic mineral product manufacturing	-	19	8	1 071	58 651	732	1 557	39 141	301 772	95 066	389 144	21 505
3279	Other nonmetallic mineral product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	31	10	724	30 139	522	1 084	17 031	79 969	45 688	126 209	4 213
337	Furniture and related product manufacturing	2	10	4	f	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	32	6	505	14 475	340	635	8 238	24 907	23 304	48 774	3 619
ALLEGANY													
31-33	Manufacturing	-	54	15	2 679	110 065	1 585	3 081	57 540	309 633	320 636	629 987	7 053
311	Food manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	13	5	750	36 024	454	757	14 886	78 485	65 298	143 424	626
3324	Boiler, tank, and shipping container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33241	Power boiler and heat exchanger manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	2	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
BRONX													
31-33	Manufacturing	3	465	122	10 504	342 956	7 789	15 690	209 538	790 349	572 254	1 356 541	30 784
311	Food manufacturing	3	116	16	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	1	83	8	1 082	35 374	611	1 144	17 167	102 466	34 662	137 044	D
31181	Bread and bakery product manufacturing	4	80	6	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	4	42	11	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	5	4	545	16 365	415	597	9 343	26 096	23 132	49 584	D
3222	Converted paper product manufacturing	-	5	4	545	16 365	415	597	9 343	26 096	23 132	49 584	D
32221	Paperboard container manufacturing	-	5	4	545	16 365	415	597	9 343	26 096	23 132	49 584	D
325	Chemical manufacturing	1	13	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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
BRONX—Con.													
326	Plastics and rubber products manufacturing	3	19	6	667	13 257	622	1 294	11 048	32 842	22 987	55 261	D
3261	Plastics product manufacturing ..	3	16	6	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	13	4	539	10 413	512	1 078	8 971	28 364	15 810	43 415	D
326199	All other plastics product manufacturing	2	13	4	539	10 413	512	1 078	8 971	28 364	15 810	43 415	D
332	Fabricated metal product manufacturing	5	72	28	2 362	78 613	1 763	3 604	49 595	142 950	99 442	242 119	6 128
3323	Architectural and structural metals manufacturing	6	26	13	1 292	41 104	953	1 952	27 219	66 386	45 948	112 339	1 716
33232	Ornamental and architectural metal products manufacturing	6	22	11	g	D	D	D	D	D	D	D	1 429
332322	Sheet metal work manufacturing	5	9	6	635	19 903	510	983	13 759	30 448	19 010	49 379	858
333	Machinery manufacturing	2	18	7	593	22 979	435	874	13 173	47 746	29 097	79 383	1 129
337	Furniture and related product manufacturing	2	41	11	914	35 391	667	1 373	22 387	74 283	28 207	102 201	1 604
339	Miscellaneous manufacturing	2	34	14	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	22	12	f	D	D	D	D	D	D	D	D
BROOME													
31-33	Manufacturing	—	225	90	16 714	703 824	8 414	16 300	262 092	1 547 469	1 382 866	2 969 167	D
311	Food manufacturing	—	17	7	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	24	8	728	24 204	566	1 003	15 342	46 600	29 909	76 519	1 802
3231	Printing and related support activities	2	24	8	728	24 204	566	1 003	15 342	46 600	29 909	76 519	1 802
32311	Printing	2	19	7	693	23 338	537	968	14 758	44 976	29 050	74 030	1 786
332	Fabricated metal product manufacturing	6	45	20	1 616	57 200	1 225	2 449	40 914	121 796	122 313	243 514	D
3323	Architectural and structural metals manufacturing	9	11	5	610	28 359	464	953	21 727	66 653	98 520	165 182	D
33231	Plate work and fabricated structural product manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	9	3	2	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	23	8	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	16	5	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	24	15	i	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	3	2	i	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	3	2	i	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	2	2	i	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	13	10	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	13	10	g	D	D	D	D	D	D	D	D
334419	Other electronic component 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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BROOME—Con.													
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	6	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	8	5	962	26 034	848	1 606	19 794	59 284	46 867	106 722	1 953
3353	Electrical equipment manufacturing	—	4	3	868	22 298	792	1 503	18 287	45 229	37 875	83 457	D
33531	Electrical equipment manufacturing	—	4	3	868	22 298	792	1 503	18 287	45 229	37 875	83 457	D
335312	Motor and generator manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
CATTARAUGUS													
31-33	Manufacturing	1	98	39	5 023	195 313	3 556	7 090	125 297	504 348	366 953	837 328	33 129
321	Wood product manufacturing	2	22	9	687	18 792	557	1 065	12 318	37 544	48 962	85 907	2 333
3219	Other wood product manufacturing	1	15	6	547	14 132	439	834	8 589	28 728	34 788	63 372	1 583
332	Fabricated metal product manufacturing	—	18	6	f	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
332211	Cutlery and flatware (except precious) manufacturing . . .	—	4	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	12	5	1 356	69 354	567	1 184	32 209	153 695	126 885	252 831	2 019
3339	Other general purpose machinery manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
CAYUGA													
31-33	Manufacturing	—	100	29	3 510	134 960	2 606	5 382	88 736	318 755	404 194	750 483	17 117
327	Nonmetallic mineral product manufacturing	—	9	6	675	29 515	516	1 045	20 089	76 302	57 111	140 384	4 635
333	Machinery manufacturing	—	9	3	1 024	41 918	733	1 538	25 748	50 261	168 753	220 149	4 228
3339	Other general purpose machinery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
CHAUTAUQUA													
31-33	Manufacturing	—	226	81	12 349	431 369	9 268	16 890	271 840	1 504 507	1 213 905	2 711 899	80 949
311	Food manufacturing	—	20	9	2 444	92 920	1 726	3 344	57 572	545 518	460 033	1 004 849	32 248
3114	Fruit and vegetable preserving and specialty food manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	3	2	g	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	—	3	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	53	19	1 846	73 627	1 360	2 788	48 556	145 309	99 783	250 215	8 046
3323	Architectural and structural metals manufacturing	2	11	7	621	23 085	422	912	13 151	43 184	22 450	67 103	1 417
33232	Ornamental and architectural metal products manufacturing	2	9	6	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	24	8	1 522	57 937	1 239	2 620	41 946	232 514	220 315	449 631	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
333618	Other engine equipment 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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CHAUTAUQUA—Con.													
334	Computer and electronic product manufacturing	-	7	5	562	18 334	329	692	9 892	37 220	27 197	65 381	2 990
336	Transportation equipment manufacturing	-	10	7	1 520	63 181	1 037	2 080	30 591	135 857	146 420	280 290	5 724
3363	Motor vehicle parts manufacturing	-	9	6	g	D	D	D	D	D	D	D	5 724
33639	Other motor vehicle parts manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	27	12	2 624	64 942	2 184	2 600	43 353	256 185	128 564	389 779	6 629
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	16	6	2 280	53 792	1 970	2 167	37 674	226 540	92 962	324 794	5 716
33712	Household and institutional furniture manufacturing	-	9	5	2 241	52 730	1 936	2 099	36 906	224 805	91 844	321 941	5 614
337122	Nonupholstered wood household furniture manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
CHEMUNG													
31-33	Manufacturing	-	94	39	6 648	255 552	4 623	9 073	150 274	601 441	531 244	1 142 119	51 092
327	Nonmetallic mineral product manufacturing	-	7	4	601	28 035	515	1 052	22 568	84 755	50 539	136 854	D
3272	Glass and glass product manufacturing	-	4	3	551	25 792	478	964	21 176	79 562	48 223	129 345	D
32721	Glass and glass product manufacturing	-	4	3	551	25 792	478	964	21 176	79 562	48 223	129 345	D
332	Fabricated metal product manufacturing	1	25	12	1 290	44 774	901	1 797	27 266	111 534	81 800	194 672	6 706
333	Machinery manufacturing	-	7	4	829	35 504	513	995	18 355	71 607	38 530	119 208	2 017
3335	Metalworking machinery manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
333512	Machine tool (metal cutting types) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	7	5	g	D	D	D	D	D	D	D	9 444
3344	Semiconductor and other electronic component manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
334411	Electron tube manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	5	4	876	32 335	521	895	14 713	64 466	65 219	129 890	2 370
CHENANGO													
31-33	Manufacturing	-	79	25	2 683	98 856	1 810	3 559	54 531	667 444	199 353	854 009	19 031
333	Machinery manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
CLINTON													
31-33	Manufacturing	1	103	30	4 624	163 096	3 924	7 682	127 816	405 144	474 997	878 072	41 778
322	Paper manufacturing	-	4	2	f	D	D	D	D	D	D	D	2 085
325	Chemical manufacturing	-	4	3	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
325412	Pharmaceutical preparation manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	6	8	7	816	23 142	656	1 345	14 569	65 039	63 267	126 823	D
3261	Plastics product manufacturing ..	7	7	6	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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
COLUMBIA													
31-33	Manufacturing	1	80	21	1 898	62 733	1 350	2 726	35 373	165 216	147 094	314 278	4 848
CORTLAND													
31-33	Manufacturing	4	73	31	3 819	130 543	2 774	5 275	82 175	309 161	347 798	644 801	20 758
321	Wood product manufacturing	8	11	7	529	16 105	449	980	12 471	53 000	107 711	160 929	3 745
332	Fabricated metal product manufacturing	2	12	5	873	24 398	714	1 340	17 366	58 239	39 695	100 425	1 546
333	Machinery manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
DELAWARE													
31-33	Manufacturing	1	55	26	4 350	166 123	3 111	5 961	101 984	611 073	458 087	1 076 537	27 136
323	Printing and related support activities	-	4	2	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	4	2	g	D	D	D	D	D	D	D	D
32311	Printing	-	4	2	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	3	2	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
DUTCHESS													
31-33	Manufacturing	-	209	56	19 317	1 208 723	5 843	11 685	194 991	3 197 716	1 693 376	4 845 668	D
332	Fabricated metal product manufacturing	1	38	13	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	16	8	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	19	7	j	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	11	6	j	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	11	6	j	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
ERIE													
31-33	Manufacturing	1	1 146	405	57 645	2 463 033	40 865	76 699	1 559 478	6 925 165	6 548 240	13 494 429	598 739
311	Food manufacturing	1	106	40	5 616	202 239	4 024	7 451	128 631	1 134 238	891 961	2 026 235	43 771
3112	Grain and oilseed milling	-	4	3	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	8	6	3	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	8	6	g	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	5	5	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	9	6	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	9	6	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	9	6	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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
	ERIE—Con.												
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing	2	50	12	g	D	D	D	D	D	D	D	
31181	Bread and bakery product manufacturing	2	45	11	g	D	D	D	D	D	D	D	
311812	Commercial bakeries	2	12	6	f	D	D	D	D	D	D	D	
312	Beverage and tobacco product manufacturing	4	8	4	f	D	D	D	D	D	D	D	
3121	Beverage manufacturing	4	7	4	f	D	D	D	D	D	D	D	
31211	Soft drink and ice manufacturing	4	7	4	f	D	D	D	D	D	D	D	
312111	Soft drink manufacturing	5	5	3	f	D	D	D	D	D	D	D	
315	Apparel manufacturing	5	17	5	g	D	D	D	D	D	D	D	
3152	Cut and sew apparel manufacturing	9	7	1	f	D	D	D	D	D	D	D	
31522	Men's and boys' cut and sew apparel manufacturing	9	2	1	f	D	D	D	D	D	D	D	
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	9	1	1	f	D	D	D	D	D	D	D	
3159	Apparel accessories and other apparel manufacturing	—	8	3	f	D	D	D	D	D	D	D	
31599	Apparel accessories and other apparel manufacturing	—	8	3	f	D	D	D	D	D	D	D	
315991	Hat, cap, and millinery manufacturing	—	4	2	f	D	D	D	D	D	D	D	
321	Wood product manufacturing	4	30	14	f	D	D	D	D	D	D	1 386	
3219	Other wood product manufacturing	2	27	13	f	D	D	D	D	D	D	D	
322	Paper manufacturing	1	22	9	f	D	D	D	D	D	D	D	
3222	Converted paper product manufacturing	1	22	9	f	D	D	D	D	D	D	D	
32221	Paperboard container manufacturing	1	12	8	f	D	D	D	D	D	D	D	
323	Printing and related support activities	1	138	36	3 837	140 158	2 810	5 446	90 393	310 360	186 475	500 690	28 937
3231	Printing and related support activities	1	138	36	3 837	140 158	2 810	5 446	90 393	310 360	186 475	500 690	28 937
32311	Printing	1	121	31	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	58	20	1 729	63 741	1 135	2 193	35 557	137 076	98 936	238 064	D
323117	Books printing	—	6	2	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	2	45	18	2 303	104 105	1 408	2 695	47 632	330 663	211 308	548 356	17 365
3251	Basic chemical manufacturing ...	—	6	5	582	28 898	369	740	17 050	67 876	64 534	134 350	5 298
3254	Pharmaceutical and medicine manufacturing	2	9	5	1 137	54 733	654	1 272	20 294	192 355	88 142	283 919	9 494
32541	Pharmaceutical and medicine manufacturing	2	9	5	1 137	54 733	654	1 272	20 294	192 355	88 142	283 919	9 494
325412	Pharmaceutical preparation manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	60	27	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	47	22	g	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
326121	Un laminated plastics profile shape manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	4	31	13	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	4	30	13	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	13	5	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	4	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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ERIE—Con.													
327	Nonmetallic mineral product manufacturing	—	45	18	2 319	81 962	1 807	3 661	56 247	219 853	145 068	364 387	17 990
3271	Clay product and refractory manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	—	15	8	988	36 708	793	1 660	25 461	121 228	65 563	185 448	D
32791	Abrasive product manufacturing	—	8	5	758	27 341	629	1 310	19 178	82 014	50 207	131 361	6 828
327910	Abrasive product manufacturing	—	8	5	758	27 341	629	1 310	19 178	82 014	50 207	131 361	6 828
331	Primary metal manufacturing	—	16	13	1 977	99 461	1 409	2 899	62 429	318 352	396 974	721 930	D
3312	Steel product manufacturing from purchased steel	—	5	4	f	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	5	4	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
3314	Nonferrous metal (except aluminum) production and processing	—	4	4	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	4	234	68	4 924	186 784	3 525	7 181	114 274	407 661	290 087	705 875	21 834
3323	Architectural and structural metals manufacturing	6	38	10	705	25 657	501	1 026	15 348	65 789	57 874	123 124	D
3324	Boiler, tank, and shipping container manufacturing	4	13	6	614	23 781	480	1 081	16 288	53 940	43 783	96 939	D
33241	Power boiler and heat exchanger manufacturing	3	7	4	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	3	7	4	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	92	20	1 549	60 585	1 205	2 397	40 060	121 037	54 500	176 102	6 409
33271	Machine shops	3	75	13	794	29 331	615	1 197	20 090	54 774	21 284	75 875	2 655
332710	Machine shops	3	75	13	794	29 331	615	1 197	20 090	54 774	21 284	75 875	2 655
33272	Turned product and screw, nut, and bolt manufacturing	5	17	7	755	31 254	590	1 200	19 970	66 263	33 216	100 227	3 754
332721	Precision turned product manufacturing	6	12	5	680	28 415	540	1 101	18 675	57 877	28 965	87 758	D
3328	Coating, engraving, heat treating, and allied activities	—	30	8	591	23 525	352	711	13 464	61 028	63 022	128 027	1 480
33281	Coating, engraving, heat treating, and allied activities ..	—	30	8	591	23 525	352	711	13 464	61 028	63 022	128 027	1 480
3329	Other fabricated metal product manufacturing	6	24	7	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	119	50	6 922	353 662	3 455	6 974	146 672	790 338	425 262	1 216 445	34 462
3333	Commercial and service industry machinery manufacturing	3	13	7	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	3	13	7	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	2	44	10	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	2	44	10	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	28	18	3 809	202 204	1 697	3 350	73 650	500 708	207 357	703 828	22 145
33391	Pump and compressor manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	19	12	h	D	D	D	D	D	D	D	D
333995	Fluid power cylinder and actuator manufacturing	—	5	5	g	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ERIE—Con.													
334	Computer and electronic product manufacturing	1	55	25	2 928	113 753	1 610	3 179	43 903	239 100	187 143	426 144	D
3342	Communications equipment manufacturing	2	11	5	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	18	7	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	1	18	7	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	18	11	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	—	18	11	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	16	8	1 294	49 315	901	1 933	28 473	142 123	50 085	189 781	D
3359	Other electrical equipment and component manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	44	23	j	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	25	16	j	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping	—	4	3	h	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	4	3	h	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	3	8	5	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	3	8	5	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	34	9	641	22 057	449	897	13 730	46 186	32 203	78 309	1 008
339	Miscellaneous manufacturing	1	113	29	3 279	112 698	1 986	3 889	50 154	297 372	176 295	474 675	12 940
3391	Medical equipment and supplies manufacturing	1	51	12	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	1	51	12	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	62	17	g	D	D	D	D	D	D	D	D
33994	Office supplies (except paper) manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
339944	Carbon paper and inked ribbon manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	3	28	8	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ESSEX													
31-33	Manufacturing	-	33	4	1 105	49 926	777	1 739	33 190	185 874	127 191	293 982	D
322	Paper manufacturing	-	2	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
FRANKLIN													
31-33	Manufacturing	1	28	6	658	15 756	588	964	12 438	44 181	64 556	119 473	1 907
FULTON													
31-33	Manufacturing	3	102	37	2 675	80 630	2 091	4 066	52 683	272 901	249 394	521 064	7 131
316	Leather and allied product manufacturing	5	28	11	f	D	D	D	D	D	D	D	D
GENESEE													
31-33	Manufacturing	1	98	34	3 464	121 136	2 406	4 689	71 233	300 051	421 182	715 208	16 813
311	Food manufacturing	-	8	6	612	18 693	448	969	13 765	62 694	194 073	257 976	3 743
327	Nonmetallic mineral product manufacturing	3	12	4	506	22 056	377	846	15 033	31 999	63 931	95 956	3 117
GREENE													
31-33	Manufacturing	-	39	9	817	30 803	613	1 155	21 327	90 063	60 247	147 952	2 703
HERKIMER													
31-33	Manufacturing	1	68	26	3 471	113 270	2 880	5 649	82 809	455 219	234 001	683 287	16 277
332	Fabricated metal product manufacturing	1	19	7	1 773	65 860	1 524	2 887	51 181	207 945	80 205	285 577	4 171
3329	Other fabricated metal product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332994	Small arms manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
JEFFERSON													
31-33	Manufacturing	2	89	26	2 916	109 059	2 092	3 944	66 346	263 750	331 217	595 221	21 209
KINGS													
31-33	Manufacturing	3	2 327	394	32 402	1 011 935	24 167	47 158	605 059	3 881 178	2 481 135	6 353 555	113 369
311	Food manufacturing	4	354	59	5 599	178 961	3 786	7 432	101 724	548 437	804 957	1 349 228	27 084
3113	Sugar and confectionery product manufacturing	8	17	7	500	22 039	366	751	11 902	116 963	271 774	390 121	D
3116	Animal slaughtering and processing	3	28	10	644	18 248	517	1 033	11 910	70 709	130 782	201 521	2 845
31161	Animal slaughtering and processing	3	28	10	644	18 248	517	1 033	11 910	70 709	130 782	201 521	2 845
3118	Bakeries and tortilla manufacturing	4	230	21	1 795	45 690	1 090	1 847	25 340	107 827	53 176	160 873	5 760
31181	Bread and bakery product manufacturing	4	217	18	1 597	39 197	956	1 553	21 555	90 608	37 599	128 113	3 370
311811	Retail bakeries	5	147	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	4	68	10	801	25 702	538	981	14 594	63 677	21 701	85 419	2 019
3119	Other food manufacturing	2	51	17	2 049	69 786	1 349	2 796	34 412	169 635	201 596	366 371	10 457
31199	All other food manufacturing	1	33	9	1 334	39 272	877	1 816	19 714	79 913	92 684	172 637	3 981
311991	Perishable prepared food manufacturing	-	14	5	f	D	D	D	D	D	D	D	D
313	Textile mills	7	71	9	f	D	D	D	D	D	D	D	D
314	Textile product mills	4	67	12	642	14 922	521	975	8 988	37 352	32 135	67 288	1 596
315	Apparel manufacturing	6	561	83	6 404	120 791	5 487	9 750	86 554	279 312	298 735	573 679	4 159
3151	Apparel knitting mills	6	52	12	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	6	47	12	f	D	D	D	D	D	D	D	676
315191	Outerwear knitting mills	6	47	12	f	D	D	D	D	D	D	D	676
3152	Cut and sew apparel manufacturing	6	470	65	i	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	7	357	39	3 381	49 353	3 131	5 365	41 364	72 309	16 780	89 204	D
315212	Women's, girls', and infants' cut and sew apparel contractors	7	325	36	3 077	44 765	2 852	4 885	37 393	63 538	16 220	79 864	D
31523	Women's and girls' cut and sew apparel manufacturing	5	78	18	1 228	32 656	832	1 462	16 625	124 397	197 299	317 898	1 514

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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
KINGS—Con.													
322	Paper manufacturing	6	31	11	661	25 336	491	1 022	15 008	46 928	55 165	101 685	2 509
3222	Converted paper product manufacturing	6	31	11	661	25 336	491	1 022	15 008	46 928	55 165	101 685	2 509
323	Printing and related support activities	3	178	20	1 831	63 613	1 373	2 751	40 683	123 324	61 740	184 432	6 121
3231	Printing and related support activities	3	178	20	1 831	63 613	1 373	2 751	40 683	123 324	61 740	184 432	6 121
32311	Printing	3	155	13	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	2	59	7	874	34 231	635	1 349	21 448	66 093	38 014	104 047	2 784
325	Chemical manufacturing	1	44	12	2 363	121 406	1 583	3 513	64 342	1 801 090	296 794	2 087 476	20 045
3254	Pharmaceutical and medicine manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	86	27	1 925	67 926	1 484	3 194	43 017	145 756	155 880	302 476	11 480
3261	Plastics product manufacturing ..	3	78	26	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	2	34	15	1 002	35 211	731	1 623	20 988	73 707	97 219	171 399	7 266
326111	Plastics bag manufacturing ..	1	21	8	623	22 621	468	1 000	13 311	48 470	57 203	105 549	6 359
32619	Other plastics product manufacturing	5	41	10	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	5	38	10	788	28 278	635	1 333	18 340	61 691	49 139	111 187	D
332	Fabricated metal product manufacturing	4	215	38	2 964	101 134	2 165	4 413	63 190	205 875	133 220	343 287	11 902
3323	Architectural and structural metals manufacturing	5	98	13	1 181	41 490	819	1 729	25 953	80 318	59 532	139 443	2 362
33232	Ornamental and architectural metal products manufacturing	4	79	11	1 073	37 381	737	1 563	23 481	71 379	48 432	119 404	D
333	Machinery manufacturing	7	49	7	546	20 805	363	683	12 197	44 861	27 362	73 257	1 908
334	Computer and electronic product manufacturing	2	33	5	850	34 421	423	852	11 480	45 267	77 884	126 713	D
3344	Semiconductor and other electronic component manufacturing	—	8	3	605	24 520	258	534	6 397	24 062	53 232	80 849	D
33441	Semiconductor and other electronic component manufacturing	—	8	3	605	24 520	258	534	6 397	24 062	53 232	80 849	D
335	Electrical equipment, appliance, and component manufacturing	4	26	8	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	5	229	29	2 082	58 239	1 615	3 076	38 762	121 898	111 510	233 147	3 632
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	166	17	1 378	34 418	1 101	2 091	25 191	67 774	70 541	138 405	2 510
33712	Household and institutional furniture manufacturing	6	98	14	1 025	25 742	817	1 621	19 219	50 023	58 096	108 120	1 965
337122	Nonupholstered wood household furniture manufacturing	4	64	8	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	5	45	9	529	19 501	364	709	10 380	38 788	28 711	67 263	D
33721	Office furniture (including fixtures) manufacturing	5	45	9	529	19 501	364	709	10 380	38 788	28 711	67 263	D
339	Miscellaneous manufacturing	5	216	44	3 117	84 125	2 313	4 295	46 434	188 223	160 824	352 062	9 143
3399	Other miscellaneous manufacturing	5	147	40	2 725	71 190	2 025	3 754	38 912	157 903	142 710	303 353	8 262
33995	Sign manufacturing	3	37	10	609	17 569	459	876	10 174	40 004	25 318	64 370	2 214
339950	Sign manufacturing	3	37	10	609	17 569	459	876	10 174	40 004	25 318	64 370	2 214
33999	All other miscellaneous manufacturing	6	59	21	1 561	37 375	1 218	2 279	20 918	73 209	78 800	155 352	5 197
339999	All other miscellaneous manufacturing	7	49	18	1 424	34 395	1 107	2 060	18 944	66 553	71 083	140 538	5 175
LEWIS													
31-33	Manufacturing	—	28	11	1 327	46 320	1 071	2 057	32 932	182 003	223 692	402 169	5 367

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LIVINGSTON													
31-33	Manufacturing	-	60	22	2 441	77 472	1 855	3 604	50 075	245 503	160 974	407 696	23 645
311	Food manufacturing	-	7	2	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
MADISON													
31-33	Manufacturing	-	71	20	2 763	88 767	2 051	4 059	54 485	312 640	417 936	734 208	18 217
331	Primary metal manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
MONROE													
31-33	Manufacturing	r	973	328	58 454	2 824 919	34 616	70 020	1 334 549	9 107 331	5 898 361	15 162 407	434 129
311	Food manufacturing	1	71	21	2 565	82 058	1 810	3 608	50 703	201 489	370 379	569 461	13 145
3114	Fruit and vegetable preserving and specialty food manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	6	3	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	6	3	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	1	4	2	554	15 691	450	954	11 303	22 423	38 879	60 649	1 181
3118	Bakeries and tortilla manufacturing	4	44	10	873	26 007	506	920	13 790	76 134	69 243	144 393	4 334
31181	Bread and bakery product manufacturing	1	43	9	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	4	10	3	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	4	10	3	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	14	4	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	12	4	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	19	11	1 176	43 720	821	1 792	26 329	87 988	132 457	221 455	D
3222	Converted paper product manufacturing	-	18	10	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	7	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	133	29	3 044	107 768	2 192	4 148	64 845	223 068	137 228	362 364	D
3231	Printing and related support activities	1	133	29	3 044	107 768	2 192	4 148	64 845	223 068	137 228	362 364	D
32311	Printing	1	112	23	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	57	17	2 042	75 180	1 463	2 736	44 651	157 987	105 997	261 840	12 642
325	Chemical manufacturing	r	23	13	j	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	r	9	5	j	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	r	5	3	j	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing	r	3	2	j	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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
MONROE—Con.													
326	Plastics and rubber products manufacturing	2	41	20	3 351	106 093	2 463	4 752	68 615	258 945	170 824	435 747	21 056
3261	Plastics product manufacturing ..	2	39	19	h	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	1	3	3	615	21 000	415	864	11 074	23 534	36 314	59 831	D
326150	Urethane and other foam product (except polystyrene) manufacturing	1	3	3	615	21 000	415	864	11 074	23 534	36 314	59 831	D
32616	Plastics bottle manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	4	28	13	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	4	27	13	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	28	15	667	25 620	430	844	13 673	63 177	51 478	115 577	D
332	Fabricated metal product manufacturing	1	224	72	5 903	229 154	4 333	8 806	146 642	524 659	304 830	822 465	45 204
3321	Forging and stamping.....	5	15	9	f	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	5	15	9	f	D	D	D	D	D	D	D	D
332116	Metal stamping	2	11	8	564	18 006	450	782	12 354	36 424	19 187	54 885	D
3323	Architectural and structural metals manufacturing	1	33	11	799	27 202	555	1 152	17 407	46 698	29 579	76 241	1 281
33232	Ornamental and architectural metal products manufacturing	1	21	10	750	25 576	516	1 074	16 281	43 470	27 082	70 516	1 206
332322	Sheet metal work manufacturing	1	16	10	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827
33251	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827
332510	Hardware manufacturing	—	5	4	970	43 213	750	1 722	28 164	127 569	86 362	214 408	3 827
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	115	35	2 385	94 558	1 823	3 607	64 196	194 520	91 126	282 808	19 530
33271	Machine shops	4	80	13	1 152	49 439	814	1 626	30 195	107 949	44 100	149 767	8 807
332710	Machine shops	4	80	13	1 152	49 439	814	1 626	30 195	107 949	44 100	149 767	8 807
33272	Turned product and screw, nut, and bolt manufacturing	—	35	22	1 233	45 119	1 009	1 981	34 001	86 571	47 026	133 041	10 723
332721	Precision turned product manufacturing	—	32	20	1 184	42 805	973	1 902	32 692	81 945	44 826	126 294	10 566
333	Machinery manufacturing	1	158	66	6 952	325 163	3 901	7 636	152 425	609 073	469 594	1 069 800	32 979
3332	Industrial machinery manufacturing	2	27	14	2 282	121 834	1 005	1 826	42 887	279 851	203 125	481 554	7 292
33329	Other industrial machinery manufacturing	2	21	11	g	D	D	D	D	D	D	D	D
333293	Printing machinery and equipment manufacturing ..	—	5	4	994	60 067	348	393	17 237	126 063	118 076	245 262	3 849
333298	All other industrial machinery manufacturing	7	9	5	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	—	25	13	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	—	25	13	f	D	D	D	D	D	D	D	D
333314	Optical instrument and lens manufacturing	—	17	8	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	1	79	29	3 057	132 858	1 889	3 708	73 519	206 837	179 183	372 984	D
33351	Metalworking machinery manufacturing	1	79	29	3 057	132 858	1 889	3 708	73 519	206 837	179 183	372 984	D
333512	Machine tool (metal cutting types) manufacturing	—	4	4	1 129	55 186	567	1 081	25 037	76 647	111 239	170 436	3 134
333518	Other metalworking machinery manufacturing ..	3	8	4	695	26 135	396	789	12 846	39 228	33 862	77 013	1 608
3339	Other general purpose machinery manufacturing	—	21	7	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	53	24	5 303	257 232	2 669	5 557	101 104	903 538	550 023	1 428 451	D
3341	Computer and peripheral equipment manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	5	2	g	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MONROE—Con.													
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing	-	11	6	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
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
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	16	9	755	33 934	370	732	11 639	93 869	47 084	141 780	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	16	9	755	33 934	370	732	11 639	93 869	47 084	141 780	D
335	Electrical equipment, appliance, and component manufacturing	5	17	9	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	14	6	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	10	6	h	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	87	24	3 116	126 000	2 023	4 137	58 760	303 476	184 396	486 623	D
3391	Medical equipment and supplies manufacturing	-	38	12	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	38	12	g	D	D	D	D	D	D	D	D
339111	Laboratory apparatus and furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	-	9	7	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	1	49	12	f	D	D	D	D	D	D	D	D
MONTGOMERY													
31-33	Manufacturing	3	70	28	3 637	112 723	2 750	5 797	71 383	364 140	270 613	628 648	16 166
323	Printing and related support activities	9	6	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	9	6	1	f	D	D	D	D	D	D	D	D
32311	Printing	9	6	1	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	9	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	4	6	5	567	18 086	452	1 020	11 566	27 719	37 881	65 581	2 611
3261	Plastics product manufacturing ..	4	6	5	567	18 086	452	1 020	11 566	27 719	37 881	65 581	2 611
NASSAU													
31-33	Manufacturing	1	1 446	308	36 111	1 456 231	21 517	41 504	611 839	5 914 795	2 582 393	8 449 363	288 506
311	Food manufacturing	2	152	17	2 064	57 068	1 214	2 162	26 832	194 100	134 035	328 093	6 559
3118	Bakeries and tortilla manufacturing	6	121	8	960	21 517	512	837	10 577	53 704	25 157	78 808	1 603
31181	Bread and bakery product manufacturing	6	118	8	948	21 081	503	818	10 257	51 460	23 310	74 717	1 519
311811	Retail bakeries.....	3	88	5	f	D	D	D	D	D	D	D	D

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

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NAICS code	Geographic area and industry	All establishments ²			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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NASSAU—Con.													
315	Apparel manufacturing	4	74	14	1 329	26 625	1 123	1 926	18 697	54 583	60 570	117 967	D
3152	Cut and sew apparel manufacturing	5	56	13	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	4	32	6	750	12 435	658	1 139	9 936	21 089	11 696	34 046	D
315212	Women's, girls', and infants' cut and sew apparel contractors	3	26	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	225	28	3 360	108 314	2 389	4 604	69 331	207 838	145 726	350 871	14 733
3231	Printing and related support activities	2	225	28	3 360	108 314	2 389	4 604	69 331	207 838	145 726	350 871	14 733
32311	Printing	2	209	27	3 256	103 492	2 324	4 474	66 390	200 032	143 501	340 869	14 280
323110	Commercial lithographic printing	3	98	16	2 254	68 461	1 657	3 156	44 460	122 307	81 950	204 476	9 603
325	Chemical manufacturing	—	50	23	3 607	181 918	1 598	3 371	51 385	2 467 862	342 579	2 772 397	122 549
3254	Pharmaceutical and medicine manufacturing	—	17	10	g	D	D	D	D	D	D	D	107 585
32541	Pharmaceutical and medicine manufacturing	—	17	10	g	D	D	D	D	D	D	D	107 585
325412	Pharmaceutical preparation manufacturing	—	12	8	g	D	D	D	D	D	D	D	106 851
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	12	5	f	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	10	4	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	—	9	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	51	18	1 798	57 649	1 256	2 206	29 202	194 083	99 599	284 601	5 398
3261	Plastics product manufacturing	3	45	18	1 741	55 623	1 220	2 129	27 946	190 280	94 841	275 606	4 892
32619	Other plastics product manufacturing	2	24	11	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	2	24	11	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	7	38	7	547	20 801	404	813	13 770	153 202	98 139	249 883	D
332	Fabricated metal product manufacturing	5	169	42	3 986	161 563	2 858	5 844	86 825	306 588	200 588	508 240	23 355
3323	Architectural and structural metals manufacturing	4	44	12	962	32 333	699	1 473	19 570	65 460	58 538	123 382	3 194
33232	Ornamental and architectural metal products manufacturing	4	37	12	911	30 351	658	1 383	18 122	61 917	54 701	115 932	3 147
332321	Metal window and door manufacturing	5	10	6	507	15 617	373	806	8 949	34 616	37 577	71 355	521
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	5	59	9	744	30 721	561	1 122	20 155	57 776	30 551	88 593	8 609
3329	Other fabricated metal product manufacturing	7	22	8	945	46 159	593	1 154	15 679	88 117	47 982	137 210	6 867
33299	All other fabricated metal product manufacturing	7	18	6	f	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	69	31	3 325	142 803	1 854	3 556	54 844	291 961	173 884	478 135	13 142
3332	Industrial machinery manufacturing	—	13	5	549	32 968	180	361	7 807	35 873	44 913	87 529	5 546
33329	Other industrial machinery manufacturing	—	12	4	f	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	1	14	5	543	20 620	342	540	7 185	54 471	28 227	82 932	D
33331	Commercial and service industry machinery manufacturing	1	14	5	543	20 620	342	540	7 185	54 471	28 227	82 932	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NASSAU—Con.													
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	8	5	582	20 626	400	822	9 427	48 472	36 487	86 113	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	8	5	582	20 626	400	822	9 427	48 472	36 487	86 113	D
333414	Heating equipment (except warm air furnaces) manufacturing	9	3	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	1	16	9	1 076	49 984	538	999	19 948	118 869	48 147	171 078	D
33399	All other general purpose machinery manufacturing	2	10	5	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	80	31	7 326	368 007	3 100	6 003	96 852	966 617	566 937	1 528 948	27 079
3342	Communications equipment manufacturing	1	20	6	2 736	149 501	957	1 848	37 822	414 606	318 350	721 044	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	2	8	4	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	2	8	4	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	7	1	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	7	1	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	21	10	2 326	91 573	1 246	2 454	31 758	203 916	115 108	324 275	D
33441	Semiconductor and other electronic component manufacturing	—	21	10	2 326	91 573	1 246	2 454	31 758	203 916	115 108	324 275	D
334412	Bare printed circuit board manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	26	13	2 142	121 434	825	1 550	25 504	336 359	115 534	454 184	11 512
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	26	13	2 142	121 434	825	1 550	25 504	336 359	115 534	454 184	11 512
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	7	3	877	68 910	303	590	12 661	192 153	48 837	241 879	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals.....	3	7	5	963	35 088	395	735	9 042	94 465	51 227	148 249	3 903
335	Electrical equipment, appliance, and component manufacturing	4	22	8	767	33 110	496	952	16 032	87 794	65 555	152 773	3 426
336	Transportation equipment manufacturing	—	27	5	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	9	4	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	9	4	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	4	131	18	1 582	54 698	1 185	2 284	33 305	93 762	66 693	161 550	1 756
3371	Household and institutional furniture and kitchen cabinet manufacturing	5	99	8	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	3	25	8	771	31 280	552	1 025	17 841	52 913	32 402	86 312	D
33721	Office furniture (including fixtures) manufacturing	3	25	8	771	31 280	552	1 025	17 841	52 913	32 402	86 312	D
337215	Showcase, partition, shelving, and locker manufacturing	3	11	7	658	26 497	458	834	14 191	44 075	28 164	73 337	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NASSAU—Con.													
339	Miscellaneous manufacturing	2	231	38	3 265	115 338	2 225	4 363	60 352	267 596	200 969	463 676	22 300
3391	Medical equipment and supplies manufacturing	4	108	19	1 215	45 806	795	1 529	22 861	114 333	42 230	156 836	7 682
33911	Medical equipment and supplies manufacturing	4	108	19	1 215	45 806	795	1 529	22 861	114 333	42 230	156 836	7 682
339116	Dental laboratories	4	65	7	606	20 817	392	735	12 315	37 059	9 003	46 067	4 824
3399	Other miscellaneous manufacturing	1	123	19	2 050	69 532	1 430	2 834	37 491	153 263	158 739	306 840	14 618
33999	All other miscellaneous manufacturing	—	32	4	609	19 776	451	904	10 041	36 806	30 514	65 648	1 331
339999	All other miscellaneous manufacturing	—	20	4	555	17 933	417	840	9 280	33 494	27 241	59 165	D
NEW YORK													
31-33	Manufacturing	4	'3 523	'708	'58 920	'1 888 294	'40 689	'74 043	'980 041	'5 122 003	'5 828 939	'10 950 335	'165 845
311	Food manufacturing	4	207	35	2 477	66 879	1 519	2 633	35 277	199 424	185 006	383 392	D
3118	Bakeries and tortilla manufacturing	7	146	19	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	6	136	18	g	D	D	D	D	D	D	D	D
311811	Retail bakeries	4	95	11	830	13 491	396	585	6 606	26 757	14 506	41 357	D
313	Textile mills	4	177	55	4 723	151 211	3 493	6 885	85 812	464 279	740 325	1 211 435	14 375
3132	Fabric mills	3	40	10	927	29 237	700	1 333	17 198	104 034	134 006	238 951	D
3133	Textile and fabric finishing and fabric coating mills	4	131	42	h	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	4	128	40	3 603	113 163	2 691	5 376	66 058	331 572	552 594	889 177	D
313311	Broadwoven fabric finishing mills	4	108	35	h	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	6	20	5	f	D	D	D	D	D	D	D	D
314	Textile product mills	1	60	13	1 501	47 701	811	1 560	15 479	186 015	273 465	458 563	3 711
3141	Textile furnishings mills	1	31	9	1 110	37 185	536	1 003	9 539	167 692	255 989	422 971	D
31412	Curtain and linen mills	1	26	7	g	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	6	16	4	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	4	'1 239	'264	'22 535	'572 459	'16 337	'28 142	'284 294	'1 669 267	'2 104 891	'3 783 232	'31 582
3152	Cut and sew apparel manufacturing	4	'1 106	'243	'20 332	'521 922	'14 622	'24 878	'253 327	'1 527 156	'2 012 663	'3 551 100	'30 364
31521	Cut and sew apparel contractors	6	655	117	8 717	133 293	7 705	12 510	102 458	266 033	78 443	349 223	2 219
315211	Men's and boys' cut and sew apparel contractors	5	46	15	775	10 824	629	958	7 879	26 686	2 244	28 870	D
315212	Women's, girls', and infants' cut and sew apparel contractors	6	609	102	7 942	122 469	7 076	11 552	94 579	239 347	76 199	320 353	D
31522	Men's and boys' cut and sew apparel manufacturing	1	44	11	669	18 203	390	727	8 419	60 102	58 091	127 755	371
31523	Women's and girls' cut and sew apparel manufacturing	4	'310	'107	'10 148	'350 195	'5 917	'10 450	'129 325	'1 156 855	'1 831 499	'2 986 333	'27 450
315232	Women's and girls' cut and sew blouse and shirt manufacturing	8	38	12	1 162	49 494	657	1 140	17 089	234 682	330 915	562 769	3 252
315233	Women's and girls' cut and sew dress manufacturing	4	'134	'55	'5 321	'176 807	'2 714	'4 946	'64 538	'512 712	'906 540	'1 416 720	'18 534
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	3	43	17	921	52 187	425	712	10 702	182 805	243 064	430 814	D
315239	Women's and girls' cut and sew other outerwear manufacturing	3	81	20	2 386	64 079	1 835	3 167	32 674	196 226	307 481	501 823	3 037
31529	Other cut and sew apparel manufacturing	4	97	8	798	20 231	610	1 191	13 125	44 166	44 630	87 789	324
3159	Apparel accessories and other apparel manufacturing	3	114	17	1 896	42 328	1 472	2 772	25 733	125 285	73 953	196 150	D
31599	Apparel accessories and other apparel manufacturing	3	114	17	1 896	42 328	1 472	2 772	25 733	125 285	73 953	196 150	D
315993	Men's and boys' neckwear manufacturing	—	21	7	674	16 071	554	1 040	10 356	71 311	22 181	93 659	D
315999	Other apparel accessories and other apparel manufacturing	6	66	6	987	21 256	712	1 404	11 834	43 012	46 301	86 132	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	All establishments ²		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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
323	Printing and related support activities	3	620	119	8 864	398 159	5 955	11 112	223 919	852 741	455 033	1 309 866	32 378
3231	Printing and related support activities	3	620	119	8 864	398 159	5 955	11 112	223 919	852 741	455 033	1 309 866	32 378
32311	Printing	3	511	94	6 759	292 287	4 623	8 605	169 059	619 682	385 921	1 006 760	23 749
323110	Commercial lithographic printing	4	260	47	3 652	169 678	2 541	4 699	98 393	345 197	203 160	548 559	12 034
323114	Quick printing	3	97	10	739	25 144	492	949	15 721	56 468	28 607	85 155	1 415
323115	Digital printing	1	37	16	1 008	43 809	678	1 225	26 174	104 848	30 433	134 410	4 233
32312	Support activities for printing	2	109	25	2 105	105 872	1 332	2 507	54 860	233 059	69 112	303 106	8 629
323122	Prepress services	2	91	20	1 769	97 392	1 048	1 945	49 117	219 764	65 652	286 379	D
325	Chemical manufacturing	5	36	12	1 106	55 769	568	1 195	26 898	177 591	109 360	284 752	9 819
332	Fabricated metal product manufacturing	5	61	10	732	24 451	550	1 103	15 113	57 338	36 722	93 163	1 346
334	Computer and electronic product manufacturing	4	73	19	1 457	66 554	821	1 546	28 256	178 176	148 716	324 705	9 182
3346	Manufacturing and reproducing magnetic and optical media	2	38	11	899	37 815	580	1 096	19 981	105 220	59 567	164 229	6 048
33461	Manufacturing and reproducing magnetic and optical media	2	38	11	899	37 815	580	1 096	19 981	105 220	59 567	164 229	6 048
334612	Prerecorded compact disc (except software), tape, and record reproducing	3	33	8	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	7	17	6	657	20 268	495	919	11 995	106 533	98 005	204 129	5 383
337	Furniture and related product manufacturing	5	117	25	2 029	55 115	1 636	3 191	39 285	115 967	107 020	222 868	3 737
3371	Household and institutional furniture and kitchen cabinet manufacturing	6	91	18	1 556	40 742	1 317	2 582	30 740	89 627	80 272	169 614	3 135
33712	Household and institutional furniture manufacturing	6	74	17	1 455	37 738	1 245	2 430	28 715	83 327	75 943	158 980	2 418
337121	Upholstered household furniture manufacturing	6	35	10	f	D	D	D	D	D	D	D	1 432
337122	Nonupholstered wood household furniture manufacturing	6	31	7	f	D	D	D	D	D	D	D	928
339	Miscellaneous manufacturing	2	740	121	10 927	364 183	7 098	13 127	178 959	875 018	1 444 953	2 309 692	23 158
3399	Other miscellaneous manufacturing	2	683	116	10 550	350 100	6 855	12 640	171 794	841 474	1 430 923	2 262 803	22 358
33991	Jewelry and silverware manufacturing	2	529	93	8 721	287 586	5 683	10 422	141 674	719 554	1 350 807	2 058 810	17 458
339911	Jewelry (except costume) manufacturing	2	395	70	6 454	227 199	4 276	7 843	113 311	540 353	996 932	1 520 154	13 114
339913	Jewelers' material and lapidary work manufacturing	2	71	11	g	D	D	D	D	D	D	D	D
339914	Costume jewelry and novelty manufacturing	2	61	11	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing	1	38	8	533	23 214	303	621	10 319	46 482	22 570	68 854	2 031
339950	Sign manufacturing	1	38	8	533	23 214	303	621	10 319	46 482	22 570	68 854	2 031
33999	All other miscellaneous manufacturing	5	95	12	955	28 052	691	1 209	15 144	51 970	35 304	87 225	D
339999	All other miscellaneous manufacturing	5	73	10	835	25 190	597	1 042	13 568	46 553	31 152	77 586	2 199
NIAGARA													
31-33	Manufacturing	—	291	104	13 327	621 448	9 723	20 698	419 044	1 628 410	1 515 871	3 120 541	71 599
311	Food manufacturing	—	24	7	703	20 955	465	894	13 391	97 693	96 874	194 639	5 535
325	Chemical manufacturing	—	25	14	1 678	96 043	1 054	2 260	57 068	277 319	292 947	576 353	22 097
3251	Basic chemical manufacturing	—	15	9	1 273	77 476	780	1 726	46 795	238 163	188 683	436 800	18 966
32518	Other basic inorganic chemical manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	20	11	940	43 714	633	1 138	27 301	153 046	76 169	199 618	4 551
3279	Other nonmetallic mineral product manufacturing	1	11	8	615	28 357	398	597	15 108	115 914	64 877	152 025	D
32791	Abrasive product manufacturing	—	8	6	538	25 197	337	470	12 808	107 312	57 764	136 262	2 457
327910	Abrasive product manufacturing	—	8	6	538	25 197	337	470	12 808	107 312	57 764	136 262	2 457
332	Fabricated metal product manufacturing	1	69	20	1 583	57 535	1 226	2 640	40 839	115 707	82 623	198 022	6 541
3329	Other fabricated metal product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	3	2	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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NIAGARA—Con.													
333	Machinery manufacturing	1	33	11	1 020	40 760	699	1 432	23 580	100 056	86 384	184 559	4 215
3339	Other general purpose machinery manufacturing	1	15	5	502	18 991	329	708	9 654	57 876	58 749	117 678	1 640
336	Transportation equipment manufacturing	—	8	3	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	4	1	h	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
ONEIDA													
31-33	Manufacturing	3	271	81	13 876	418 896	9 930	19 123	262 325	1 078 748	1 182 269	2 264 236	58 376
323	Printing and related support activities	1	27	5	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	1	27	5	f	D	D	D	D	D	D	D	D
32311	Printing	1	26	5	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	3	13	11	2 136	83 231	1 648	3 088	57 224	210 325	341 750	554 096	9 841
3314	Nonferrous metal (except aluminum) production and processing	4	9	9	g	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	1	5	5	g	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	—	2	2	f	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	4	3	3	f	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	6	4	4	f	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	7	3	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	45	9	642	21 182	481	921	13 970	59 493	61 093	121 064	3 062
333	Machinery manufacturing	2	29	10	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	5	8	4	g	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	13	5	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	9	5	f	D	D	D	D	D	D	D	2 446
33592	Communication and energy wire and cable manufacturing ..	—	4	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	3	3	g	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
3364	Aerospace product and parts manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	4	2	2	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	—	11	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	10	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	5	2	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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ONEIDA—Con.													
339	Miscellaneous manufacturing	5	28	7	2 830	84 537	2 277	4 545	56 521	226 239	112 251	355 456	D
3391	Medical equipment and supplies manufacturing	8	10	4	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	8	10	4	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	9	2	1	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	—	18	3	g	D	D	D	D	D	D	D	D
33991	Jewelry and silverware manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
339912	Silverware and hollowware manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
ONONDAGA													
31-33	Manufacturing	—	513	184	27 536	1 202 691	18 207	36 220	684 585	3 197 380	2 867 323	6 080 406	188 115
311	Food manufacturing	5	41	13	g	D	D	D	D	D	D	D	2 633
3118	Bakeries and tortilla manufacturing	8	22	6	1 159	13 100	464	673	8 165	24 487	19 839	44 232	904
31181	Bread and bakery product manufacturing	8	22	6	1 159	13 100	464	673	8 165	24 487	19 839	44 232	904
311812	Commercial bakeries	9	4	2	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	8	2	g	D	D	D	D	D	D	D	D
31212	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	2	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	16	8	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	13	7	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	9	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	75	15	g	D	D	D	D	D	D	D	3 608
3231	Printing and related support activities	1	75	15	g	D	D	D	D	D	D	D	3 608
32311	Printing	—	62	14	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	34	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	6	23	8	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	6	7	4	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	6	7	4	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	6	5	4	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	13	8	f	D	D	D	D	D	D	D	11 049
3261	Plastics product manufacturing ..	—	13	8	f	D	D	D	D	D	D	D	11 049
32619	Other plastics product manufacturing	—	11	7	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	11	7	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	15	8	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	14	8	g	D	D	D	D	D	D	D	9 137
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	1	90	31	2 346	89 699	1 675	3 136	52 828	214 847	93 574	300 907	11 505
3323	Architectural and structural metals manufacturing	1	22	8	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	17	6	684	26 616	491	982	16 722	63 041	30 772	88 501	D
33299	All other fabricated metal product manufacturing	—	16	5	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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ONONDAGA—Con.													
333	Machinery manufacturing	—	42	18	2 462	121 623	1 275	2 077	48 321	377 562	471 308	847 872	6 032
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	7	6	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	7	6	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	46	19	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	11	7	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	2	18	8	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	2	18	8	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	23	11	h	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	3	15	6	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	3	15	6	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	4	12	5	640	17 360	379	804	7 114	31 966	22 291	55 292	D
3359	Other electrical equipment and component manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	32	12	1 642	54 579	1 201	2 360	32 932	101 498	62 759	166 158	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	17	4	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	6	2	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	40	12	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	17	3	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	17	3	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	4	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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ONTARIO													
31-33	Manufacturing	3	162	68	7 446	280 688	4 745	8 765	126 536	796 323	549 592	1 344 541	61 867
312	Beverage and tobacco product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31213	Wineries	—	2	2	f	D	D	D	D	D	D	D	D
312130	Wineries	—	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	7	13	10	1 691	52 163	1 329	2 308	31 152	240 294	144 160	384 509	6 184
3261	Plastics product manufacturing ..	7	12	9	g	D	D	D	D	D	D	D	6 184
32614	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	7	5	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	7	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	13	6	641	24 024	471	975	14 138	88 933	43 887	131 140	D
332	Fabricated metal product manufacturing	1	40	16	1 217	45 597	866	1 739	27 078	101 592	65 257	167 002	5 959
3329	Other fabricated metal product manufacturing	—	8	4	552	19 635	402	825	11 746	56 765	40 965	97 754	D
333	Machinery manufacturing	2	17	4	586	21 194	320	505	10 109	34 344	30 463	67 077	D
334	Computer and electronic product manufacturing	1	13	8	751	36 874	266	506	8 122	55 247	40 158	96 061	D
ORANGE													
31-33	Manufacturing	2	341	99	8 585	314 843	5 975	11 897	186 718	880 801	1 039 246	1 929 488	D
322	Paper manufacturing	1	14	7	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	14	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	5	16	10	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	15	9	f	D	D	D	D	D	D	D	2 433
3261	Plastics product manufacturing ..	—	12	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	52	7	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	3	20	11	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	4	6	5	f	D	D	D	D	D	D	D	D
ORLEANS													
31-33	Manufacturing	—	45	19	1 646	51 773	1 244	2 433	31 672	182 897	155 766	336 972	8 147
OSWEGO													
31-33	Manufacturing	—	96	30	4 350	197 825	3 211	6 608	130 641	559 004	1 545 036	2 099 860	25 329
311	Food manufacturing	—	10	2	710	31 535	597	1 087	23 214	87 325	160 152	252 176	D
322	Paper manufacturing	—	4	3	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
32221	Paperboard container manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	4	3	g	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
332	Fabricated metal product manufacturing	1	27	8	517	21 311	357	727	12 333	35 473	16 207	49 368	D
OTSEGO													
31-33	Manufacturing	1	72	13	1 271	38 777	966	1 921	24 326	135 786	79 758	214 577	6 343

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PUTNAM													
31-33	Manufacturing	3	87	17	1 900	84 342	1 123	2 258	39 323	230 409	152 855	379 982	12 816
325	Chemical manufacturing	4	4	2	f	D	D	D	D	D	D	D	2 464
QUEENS													
31-33	Manufacturing	3	1 755	413	40 019	1 341 576	27 782	52 384	748 390	3 376 319	2 694 041	6 092 932	118 424
311	Food manufacturing	3	260	31	4 200	139 094	2 333	4 544	60 572	384 637	222 311	605 644	20 361
3113	Sugar and confectionery product manufacturing	—	7	1	f	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate ...	—	6	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate ..	—	6	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	198	16	2 442	83 005	1 013	1 616	28 878	213 950	55 448	268 798	12 110
31181	Bread and bakery product manufacturing	4	189	15	2 392	80 677	978	1 536	27 232	207 358	51 902	258 591	11 982
311811	Retail bakeries	5	137	3	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	49	11	1 745	69 963	620	1 070	21 841	182 080	37 845	219 328	11 257
3119	Other food manufacturing	4	26	7	539	18 781	362	757	7 372	54 467	26 074	80 462	1 407
312	Beverage and tobacco product manufacturing	4	7	2	676	21 421	292	587	8 953	88 298	188 881	277 641	D
3121	Beverage manufacturing	4	7	2	676	21 421	292	587	8 953	88 298	188 881	277 641	D
31211	Soft drink and ice manufacturing	4	6	2	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing ...	4	5	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	6	45	12	998	31 247	598	1 102	14 328	69 046	54 744	124 445	D
3149	Other textile product mills	7	24	5	f	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	8	15	4	519	15 182	258	423	5 318	38 708	30 750	70 205	652
314999	All other miscellaneous textile product mills	8	15	4	519	15 182	258	423	5 318	38 708	30 750	70 205	652
315	Apparel manufacturing	4	378	84	7 594	170 162	5 762	10 015	97 922	371 148	445 187	823 883	5 897
3151	Apparel knitting mills	4	56	19	1 064	26 016	813	1 468	16 646	52 113	136 647	189 062	1 767
31519	Other apparel knitting mills	4	54	19	g	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	4	53	19	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	4	297	50	5 047	106 349	3 853	6 537	60 644	249 834	220 140	476 354	3 346
31521	Cut and sew apparel contractors	8	225	30	2 422	36 770	2 207	3 610	30 100	61 595	19 115	80 796	946
315212	Women's, girls', and infants' cut and sew apparel contractors	8	209	29	g	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	4	49	12	g	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	6	20	6	f	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	1	14	3	1 057	27 929	431	772	6 883	84 415	81 292	169 724	D
315299	All other cut and sew apparel manufacturing	—	7	1	f	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	2	25	15	1 483	37 797	1 096	2 010	20 632	69 201	88 400	158 467	784
31599	Apparel accessories and other apparel manufacturing	2	25	15	1 483	37 797	1 096	2 010	20 632	69 201	88 400	158 467	784
315999	Other apparel accessories and other apparel manufacturing	3	14	8	963	23 008	754	1 331	14 516	36 220	35 898	73 735	D
322	Paper manufacturing	1	24	14	1 670	71 970	1 151	2 467	41 039	130 925	105 895	236 764	3 963
3222	Converted paper product manufacturing	1	24	14	1 670	71 970	1 151	2 467	41 039	130 925	105 895	236 764	3 963
32221	Paperboard container manufacturing	—	9	8	f	D	D	D	D	D	D	D	998
32223	Stationery product manufacturing	—	7	5	706	27 627	503	1 075	16 177	47 791	36 626	83 766	2 808
322232	Envelope manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	5	167	32	3 809	155 551	2 897	5 758	110 781	510 326	213 344	723 544	19 041
3231	Printing and related support activities	5	167	32	3 809	155 551	2 897	5 758	110 781	510 326	213 344	723 544	19 041
32311	Printing	6	147	28	3 233	134 992	2 476	4 858	99 072	480 365	204 841	684 572	16 394
323110	Commercial lithographic printing	7	74	14	1 874	92 805	1 485	2 974	72 524	370 940	139 343	509 887	12 031
32312	Support activities for printing...	—	20	4	576	20 559	421	900	11 709	29 961	8 503	38 972	2 647

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
QUEENS—Con.													
325	Chemical manufacturing	—	26	9	1 274	51 148	860	1 700	25 624	239 617	118 055	358 725	3 931
3256	Soap, cleaning compound, and toilet preparation manufacturing .	1	12	5	f	D	D	D	D	D	D	D	1 671
32562	Toilet preparation manufacturing	1	5	1	f	D	D	D	D	D	D	D	1 084
325620	Toilet preparation manufacturing	1	5	1	f	D	D	D	D	D	D	D	1 084
326	Plastics and rubber products manufacturing	2	42	19	1 157	41 681	853	1 857	24 295	112 422	103 105	215 565	7 526
3261	Plastics product manufacturing ..	2	35	19	1 117	39 821	832	1 815	23 519	105 974	101 168	207 180	D
32619	Other plastics product manufacturing	3	19	11	633	23 597	505	1 099	15 320	54 771	41 598	96 299	5 307
326199	All other plastics product manufacturing	3	19	11	633	23 597	505	1 099	15 320	54 771	41 598	96 299	5 307
327	Nonmetallic mineral product manufacturing	1	39	16	869	30 238	676	1 121	20 621	78 344	78 504	156 499	6 534
332	Fabricated metal product manufacturing	3	164	40	2 927	101 189	2 146	4 400	65 227	241 612	165 074	405 888	6 768
3323	Architectural and structural metals manufacturing	2	73	22	1 691	57 029	1 192	2 551	37 643	142 370	102 106	243 640	3 935
33232	Ornamental and architectural metal products manufacturing	1	62	21	1 623	53 285	1 140	2 437	34 907	123 454	94 227	216 771	3 624
332321	Metal window and door manufacturing	1	17	9	711	22 429	467	1 041	13 591	49 093	41 590	90 665	1 300
332322	Sheet metal work manufacturing	—	21	6	528	13 938	393	826	9 732	39 312	26 123	65 584	1 645
333	Machinery manufacturing	'4	'70	'19	'1 470	'62 969	'995	'1 858	'31 087	'138 800	'100 528	'234 455	'5 031
3339	Other general purpose machinery manufacturing	'1	'24	'10	'570	'28 944	'376	'724	'13 404	'60 654	'39 915	'97 263	'1 573
334	Computer and electronic product manufacturing	4	34	10	857	34 279	450	788	10 531	73 581	46 360	120 965	D
335	Electrical equipment, appliance, and component manufacturing	—	'24	'13	'2 059	'68 786	'1 535	'2 332	'44 463	'167 685	'118 031	'285 541	'1 657
3351	Electric lighting equipment manufacturing	1	18	9	776	28 555	542	926	15 402	75 364	33 231	108 334	D
33512	Lighting fixture manufacturing ..	1	17	8	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	2	2	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
336	Transportation equipment manufacturing	3	33	11	1 486	68 893	827	1 676	26 676	108 733	92 817	211 253	6 583
3363	Motor vehicle parts manufacturing	1	21	6	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	4	7	4	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	4	7	4	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	133	29	2 314	74 099	1 739	3 356	46 281	156 428	124 828	281 090	4 445
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	92	13	1 093	29 138	888	1 657	20 835	54 277	50 388	104 712	D
33712	Household and institutional furniture manufacturing	4	53	10	780	20 818	640	1 216	15 191	40 920	41 203	82 173	D
337122	Nonupholstered wood household furniture manufacturing	5	33	7	544	13 470	463	885	10 575	27 338	27 191	54 304	840
3372	Office furniture (including fixtures) manufacturing	3	32	12	790	31 007	576	1 144	17 640	67 940	36 988	104 417	1 760
33721	Office furniture (including fixtures) manufacturing	3	32	12	790	31 007	576	1 144	17 640	67 940	36 988	104 417	1 760

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]

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
QUEENS—Con.													
339	Miscellaneous manufacturing	3	211	52	5 342	176 873	3 731	7 117	96 966	405 925	429 990	843 478	13 854
3391	Medical equipment and supplies manufacturing	5	69	10	944	34 023	616	1 218	17 363	79 420	31 345	110 486	3 281
33911	Medical equipment and supplies manufacturing	5	69	10	944	34 023	616	1 218	17 363	79 420	31 345	110 486	3 281
3399	Other miscellaneous manufacturing	3	142	42	4 398	142 850	3 115	5 899	79 603	326 505	398 645	732 992	10 573
33991	Jewelry and silverware manufacturing	2	39	14	1 551	51 569	1 009	1 845	23 439	145 144	283 704	438 106	3 706
339911	Jewelry (except costume) manufacturing	2	29	12	g	D	D	D	D	D	D	D	D
33995	Sign manufacturing	6	45	8	965	31 559	640	1 316	17 030	56 906	40 492	97 376	1 284
339950	Sign manufacturing	6	45	8	965	31 559	640	1 316	17 030	56 906	40 492	97 376	1 284
33999	All other miscellaneous manufacturing	2	51	17	1 782	57 506	1 396	2 626	37 839	120 925	70 594	190 285	5 523
339992	Musical instrument manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	2	37	11	f	D	D	D	D	D	D	D	D
RENSELAEER													
31-33	Manufacturing	2	113	40	3 330	125 962	2 267	4 369	71 537	328 996	291 060	616 972	29 117
326	Plastics and rubber products manufacturing	4	12	3	574	18 702	463	785	12 598	32 586	39 396	71 912	3 040
3261	Plastics product manufacturing ..	4	11	3	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	4	7	3	534	17 341	431	729	11 600	29 701	35 207	64 843	2 834
326199	All other plastics product manufacturing	4	7	3	534	17 341	431	729	11 600	29 701	35 207	64 843	2 834
RICHMOND													
31-33	Manufacturing	2	158	19	1 366	54 611	944	1 819	34 383	188 312	104 621	289 816	6 406
ROCKLAND													
31-33	Manufacturing	—	292	70	10 166	462 561	6 222	13 972	221 925	5 450 809	2 451 830	7 652 473	125 616
311	Food manufacturing	2	40	9	695	24 798	468	975	13 709	65 984	50 051	116 056	D
325	Chemical manufacturing	—	24	13	3 681	203 639	1 940	4 845	90 913	4 817 217	1 919 773	6 487 906	86 152
3254	Pharmaceutical and medicine manufacturing	—	8	7	h	D	D	D	D	D	D	D	80 801
32541	Pharmaceutical and medicine manufacturing	—	8	7	h	D	D	D	D	D	D	D	80 801
325412	Pharmaceutical preparation manufacturing	—	7	6	h	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	16	8	1 053	38 128	789	1 641	20 714	122 014	83 160	204 785	7 080
3261	Plastics product manufacturing ..	—	13	8	1 027	37 286	769	1 600	20 147	120 168	81 384	201 163	D
32619	Other plastics product manufacturing	—	7	4	621	22 478	473	1 033	11 798	66 981	45 347	112 675	4 898
326199	All other plastics product manufacturing	—	7	4	621	22 478	473	1 033	11 798	66 981	45 347	112 675	4 898
336	Transportation equipment manufacturing	—	2	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
339	Miscellaneous manufacturing	—	36	6	1 054	35 237	714	1 613	18 312	72 556	47 106	119 211	3 027
3391	Medical equipment and supplies manufacturing	—	14	4	796	26 632	531	1 189	14 796	53 764	36 174	88 789	D
33911	Medical equipment and supplies manufacturing	—	14	4	796	26 632	531	1 189	14 796	53 764	36 174	88 789	D
339113	Surgical appliance and supplies manufacturing	—	4	2	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]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ST. LAWRENCE													
31-33	Manufacturing	-	79	26	4 081	199 840	3 135	6 384	143 176	814 427	640 862	1 477 374	65 635
331	Primary metal manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	3	3	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	3	3	g	D	D	D	D	D	D	D	D
331312	Primary aluminum production	-	2	2	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	-	1	1	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	-	1	1	f	D	D	D	D	D	D	D	D
331521	Aluminum die-casting foundries	-	1	1	f	D	D	D	D	D	D	D	D
SARATOGA													
31-33	Manufacturing	1	128	47	5 684	259 535	4 217	8 593	169 976	736 522	650 774	1 395 541	61 915
322	Paper manufacturing	3	6	4	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	2	4	4	f	D	D	D	D	D	D	D	D
32212	Paper mills	2	4	4	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	2	4	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	17	6	1 143	40 128	1 011	2 007	34 188	123 143	56 342	178 098	D
3231	Printing and related support activities	-	17	6	1 143	40 128	1 011	2 007	34 188	123 143	56 342	178 098	D
32311	Printing	-	15	6	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	6	3	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	2	1	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	17	9	667	30 579	502	1 022	20 415	128 762	141 981	274 563	1 400
SCHENECTADY													
31-33	Manufacturing	-	115	38	5 607	294 907	3 778	7 579	176 537	1 918 864	1 781 805	3 704 662	72 292
325	Chemical manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	20	7	f	D	D	D	D	D	D	D	2 612
333	Machinery manufacturing	-	8	5	h	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
SENECA													
31-33	Manufacturing	2	36	11	1 311	53 251	764	1 360	30 444	189 137	119 057	315 027	6 433
333	Machinery manufacturing	-	8	3	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment 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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
STEBEN													
31-33	Manufacturing	—	84	26	6 517	254 892	4 488	8 850	141 074	722 527	505 534	1 273 225	41 039
311	Food manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	13	5	g	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	—	3	2	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
327113	Porcelain electrical supply manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	6	7	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	6	7	3	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	6	5	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	2	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
335	Electrical equipment, appliance, and component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	8	3	1 101	48 731	521	1 117	14 551	133 529	134 161	257 094	D
3365	Railroad rolling stock manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	5	3	820	25 754	653	1 036	17 444	46 731	25 546	72 652	D
3372	Office furniture (including fixtures) manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
SUFFOLK													
31-33	Manufacturing	2	'2 527	'646	'63 055	'2 502 205	'42 088	'82 202	'1 312 281	'10 072 735	'5 265 432	'15 350 063	'351 829
311	Food manufacturing	1	170	33	4 596	145 148	2 886	5 745	79 228	533 131	390 626	921 097	19 266
3118	Bakeries and tortilla manufacturing	—	115	19	2 891	90 076	1 677	3 248	49 739	387 321	185 762	573 682	12 606
31181	Bread and bakery product manufacturing	—	109	18	2 681	84 187	1 506	2 842	45 856	373 622	175 774	550 258	12 453
311811	Retail bakeries	3	79	9	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	27	6	g	D	D	D	D	D	D	D	D
314	Textile product mills	2	'48	'8	'734	'18 818	'585	'1 094	'12 633	'48 140	'63 803	'111 596	'704
3149	Other textile product mills	2	'34	'6	'620	'15 957	'505	'928	'10 879	'42 277	'56 726	'98 633	D
315	Apparel manufacturing	1	46	13	814	19 748	608	1 205	9 299	89 664	95 621	192 446	D
3152	Cut and sew apparel manufacturing	1	32	11	695	16 531	531	1 061	7 876	81 348	71 883	160 933	D
321	Wood product manufacturing	4	60	6	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	4	57	6	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SUFFOLK—Con.													
322	Paper manufacturing	3	50	22	1 847	77 223	1 347	2 812	41 442	206 420	264 232	473 186	14 184
3222	Converted paper product manufacturing	3	46	19	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	19	10	769	31 264	549	1 167	15 876	74 050	114 740	188 949	D
323	Printing and related support activities	3	324	69	5 491	204 169	3 874	7 409	124 483	469 704	253 596	722 500	18 407
3231	Printing and related support activities	3	324	69	5 491	204 169	3 874	7 409	124 483	469 704	253 596	722 500	18 407
32311	Printing	3	294	65	5 243	193 141	3 688	7 044	117 050	449 419	248 795	697 425	17 977
323110	Commercial lithographic printing	1	142	39	2 799	107 764	2 074	3 874	72 483	216 663	143 634	360 375	11 050
323118	Blankbook, looseleaf binders, and devices manufacturing ..	4	6	5	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	105	53	8 844	379 997	5 562	11 243	167 628	5 120 653	1 293 034	6 422 387	71 017
3254	Pharmaceutical and medicine manufacturing	4	52	33	i	D	D	D	D	D	D	D	59 567
32541	Pharmaceutical and medicine manufacturing	4	52	33	i	D	D	D	D	D	D	D	59 567
325411	Medicinal and botanical manufacturing	7	14	8	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	2	33	21	h	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	20	7	g	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	—	14	7	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	—	14	7	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	87	36	2 954	90 870	2 196	4 547	53 220	193 340	188 628	384 202	10 855
3261	Plastics product manufacturing ..	2	75	30	2 697	82 825	2 025	4 169	48 770	176 971	172 974	352 124	10 368
32619	Other plastics product manufacturing	3	58	26	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	3	55	25	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	90	21	1 264	51 372	952	1 838	35 382	138 147	97 015	236 275	D
3273	Cement and concrete product manufacturing	1	46	10	658	29 535	483	978	20 560	85 899	67 218	153 991	D
332	Fabricated metal product manufacturing	3	490	97	9 112	372 113	6 024	11 207	201 302	737 985	452 150	1 177 957	35 460
3323	Architectural and structural metals manufacturing	3	114	35	3 139	126 489	1 941	3 176	63 922	239 399	162 471	390 425	7 762
33232	Ornamental and architectural metal products manufacturing	3	86	28	2 756	109 606	1 742	2 804	57 167	210 457	133 785	332 736	6 618
332321	Metal window and door manufacturing	5	17	10	546	20 405	336	707	9 621	42 258	49 487	89 983	2 655
332322	Sheet metal work manufacturing	3	54	15	1 893	77 585	1 181	1 697	41 984	140 359	56 885	187 496	1 983
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	248	34	2 978	120 677	2 121	4 359	77 033	215 454	138 507	347 200	16 309
33271	Machine shops	3	195	21	1 683	72 526	1 270	2 611	49 209	130 668	76 871	204 055	8 173
332710	Machine shops	3	195	21	1 683	72 526	1 270	2 611	49 209	130 668	76 871	204 055	8 173
33272	Turned product and screw, nut, and bolt manufacturing	2	53	13	1 295	48 151	851	1 748	27 824	84 786	61 636	143 145	8 136
332721	Precision turned product manufacturing	1	40	8	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	2	40	7	1 430	68 072	802	1 557	28 220	156 880	55 352	215 996	7 998
33291	Metal valve manufacturing	—	9	4	g	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	173	44	3 001	128 630	1 895	3 685	59 273	269 953	229 789	501 165	26 551
3332	Industrial machinery manufacturing	1	31	8	711	32 123	413	831	13 537	49 774	54 957	105 828	9 844
33329	Other industrial machinery manufacturing	1	24	6	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	1	57	8	621	25 213	449	797	14 880	59 501	48 922	108 233	D
33351	Metalworking machinery manufacturing	1	57	8	621	25 213	449	797	14 880	59 501	48 922	108 233	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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SUFFOLK—Con.													
333 3339	Machinery manufacturing—Con. Other general purpose machinery manufacturing	1	46	13	765	36 417	442	884	16 185	85 008	60 456	146 355	D
33399	All other general purpose machinery manufacturing	1	34	7	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	195	80	9 895	480 970	6 106	11 459	239 597	1 105 695	952 521	2 067 173	98 671
3341	Computer and peripheral equipment manufacturing	—	20	5	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	20	5	f	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	12	3	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	4	30	15	1 962	99 300	1 075	2 096	38 158	152 782	267 569	437 707	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	4	18	11	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	4	18	11	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	2	78	36	3 405	145 971	2 225	4 212	74 253	325 738	154 126	482 764	D
33441	Semiconductor and other electronic component manufacturing	2	78	36	3 405	145 971	2 225	4 212	74 253	325 738	154 126	482 764	D
334413	Semiconductor and related device manufacturing	1	15	7	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	7	12	5	f	D	D	D	D	D	D	D	D
334419	Other electronic component manufacturing	1	22	10	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	54	21	3 349	192 661	1 899	3 299	98 594	395 427	187 812	564 251	34 758
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	54	21	3 349	192 661	1 899	3 299	98 594	395 427	187 812	564 251	34 758
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	7	3	1 304	84 532	946	1 453	63 546	189 550	72 724	245 399	D
334519	Other measuring and controlling device manufacturing	—	12	7	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	4	75	32	2 514	100 809	1 657	3 275	50 031	242 693	215 151	455 051	9 497
3353	Electrical equipment manufacturing	5	32	12	1 173	47 458	810	1 718	27 233	108 107	60 600	166 570	D
33531	Electrical equipment manufacturing	5	32	12	1 173	47 458	810	1 718	27 233	108 107	60 600	166 570	D
335314	Relay and industrial control manufacturing	6	21	9	868	35 109	544	1 137	17 244	75 593	52 974	126 144	D
3359	Other electrical equipment and component manufacturing	4	26	11	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	7	15	9	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	7	15	9	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	4	93	30	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	5	42	12	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	3	26	14	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	3	26	14	g	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	4	18	8	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SUFFOLK—Con.													
337	Furniture and related product manufacturing	3	198	31	2 526	84 355	1 832	3 601	51 307	193 758	138 957	332 822	4 451
3371	Household and institutional furniture and kitchen cabinet manufacturing	5	139	12	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	4	91	6	587	17 556	422	821	10 925	30 702	21 913	52 740	895
337110	Wood kitchen cabinet and countertop manufacturing ..	4	91	6	587	17 556	422	821	10 925	30 702	21 913	52 740	895
3372	Office furniture (including fixtures) manufacturing	1	55	18	1 368	50 937	963	1 878	29 867	128 804	86 444	215 916	D
33721	Office furniture (including fixtures) manufacturing	1	55	18	1 368	50 937	963	1 878	29 867	128 804	86 444	215 916	D
337212	Custom architectural woodwork and millwork manufacturing	2	23	5	541	22 156	387	745	13 302	64 380	40 523	104 888	D
337215	Showcase, partition, shelving, and locker manufacturing	1	24	11	594	20 301	430	778	12 052	45 778	33 596	79 380	D
339	Miscellaneous manufacturing	3	246	55	5 160	181 458	3 613	7 206	93 032	383 499	231 645	612 528	15 627
3391	Medical equipment and supplies manufacturing	3	100	21	1 966	71 593	1 387	2 887	41 181	171 264	69 227	239 932	6 285
33911	Medical equipment and supplies manufacturing	3	100	21	1 966	71 593	1 387	2 887	41 181	171 264	69 227	239 932	6 285
339113	Surgical appliance and supplies manufacturing	3	19	6	769	25 889	597	1 290	16 791	66 810	23 199	89 628	2 231
3399	Other miscellaneous manufacturing	3	146	34	3 194	109 865	2 226	4 319	51 851	212 235	162 418	372 596	9 342
33995	Sign manufacturing	4	63	13	997	34 568	657	1 275	16 126	60 960	47 388	108 197	D
339950	Sign manufacturing	4	63	13	997	34 568	657	1 275	16 126	60 960	47 388	108 197	D
33999	All other miscellaneous manufacturing	2	50	16	1 874	62 495	1 372	2 651	30 292	126 101	80 696	205 235	4 201
339992	Musical instrument manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	2	41	12	1 085	37 893	717	1 418	15 600	69 430	54 621	123 419	D
SULLIVAN													
31-33	Manufacturing	1	51	8	698	20 793	547	1 207	14 342	50 961	58 613	109 452	12 073
TIOGA													
31-33	Manufacturing	-	41	12	2 070	64 561	1 576	3 124	43 535	175 171	234 464	414 887	D
334	Computer and electronic product manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
TOMPKINS													
31-33	Manufacturing	-	91	22	3 309	123 792	2 244	4 501	68 592	452 053	314 677	765 349	20 913
336	Transportation equipment manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	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	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ULSTER													
31-33	Manufacturing	1	211	52	5 574	193 512	4 029	7 609	115 336	450 597	367 166	822 320	18 328
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
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	f	D	D	D	D	D	D	D	1 071
WARREN													
31-33	Manufacturing	2	92	23	4 450	166 580	2 821	5 368	75 359	467 837	465 602	927 302	29 857
322	Paper manufacturing	-	3	2	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
339	Miscellaneous manufacturing	4	15	5	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	4	10	5	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	4	10	5	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	4	5	5	g	D	D	D	D	D	D	D	D
WASHINGTON													
31-33	Manufacturing	4	105	33	3 406	124 823	2 539	5 120	81 495	394 717	384 583	769 454	27 231
322	Paper manufacturing	6	9	6	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	13	8	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	-	3	3	f	D	D	D	D	D	D	D	D
WAYNE													
31-33	Manufacturing	4	150	50	7 436	241 909	5 503	10 917	142 166	897 275	761 470	1 650 759	36 896
311	Food manufacturing	6	16	7	1 051	29 186	828	1 755	20 057	469 180	319 228	787 869	19 236
3114	Fruit and vegetable preserving and specialty food manufacturing	7	8	5	715	17 416	622	1 367	14 438	425 409	267 360	692 752	D
31142	Fruit and vegetable canning, pickling, and drying	9	5	3	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	9	5	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	11	5	908	36 815	676	1 341	22 328	98 800	81 137	170 352	D
3261	Plastics product manufacturing ..	-	9	5	f	D	D	D	D	D	D	D	5 042
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	46	9	625	20 985	471	943	14 110	43 384	62 827	104 518	D
333	Machinery manufacturing	6	18	8	866	28 455	664	1 321	17 530	46 140	62 915	108 736	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	7	3	3	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	7	3	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	8	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.

[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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WAYNE—Con.													
339	Miscellaneous manufacturing	—	8	4	g	D	D	D	D	D	D	D	3 411
3399	Other miscellaneous manufacturing	—	8	4	g	D	D	D	D	D	D	D	3 411
33999	All other miscellaneous manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
WESTCHESTER													
31-33	Manufacturing	2	'793	186	'17 700	'678 447	'12 027	'24 255	'362 877	'2 056 105	'2 004 090	'4 180 869	'116 430
311	Food manufacturing	6	111	18	1 946	73 470	1 269	2 681	43 048	227 705	346 512	574 637	11 401
3118	Bakeries and tortilla manufacturing	4	75	11	1 212	37 436	743	1 538	21 663	96 070	54 361	150 601	3 063
31181	Bread and bakery product manufacturing	4	68	9	1 118	34 398	659	1 362	19 234	84 004	43 577	127 624	2 771
311812	Commercial bakeries	4	16	5	767	27 871	465	1 039	15 532	70 659	36 555	107 261	2 493
312	Beverage and tobacco product manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	31	4	545	18 132	355	694	7 838	52 329	84 924	137 509	985
3152	Cut and sew apparel manufacturing	1	20	3	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	128	16	1 345	49 421	915	1 726	27 337	100 585	48 425	149 891	6 032
3231	Printing and related support activities	2	128	16	1 345	49 421	915	1 726	27 337	100 585	48 425	149 891	6 032
32311	Printing	2	114	16	1 312	48 355	889	1 681	26 665	98 673	47 856	147 410	5 978
323110	Commercial lithographic printing	2	62	9	738	29 143	510	955	16 794	56 936	31 213	89 170	4 203
325	Chemical manufacturing	1	29	11	1 410	56 182	903	1 874	28 151	267 618	84 712	354 413	8 339
326	Plastics and rubber products manufacturing	4	28	12	1 329	46 208	1 060	2 177	28 050	111 076	91 031	198 274	10 255
3261	Plastics product manufacturing ..	5	27	11	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	7	17	7	945	32 892	752	1 517	18 979	64 283	44 023	106 483	4 703
326199	All other plastics product manufacturing	7	16	6	f	D	D	D	D	D	D	D	4 703
331	Primary metal manufacturing	—	9	6	571	22 069	460	921	15 294	64 091	52 772	119 126	D
332	Fabricated metal product manufacturing	4	94	28	1 926	72 638	1 460	2 928	44 529	164 273	103 153	268 685	6 454
3329	Other fabricated metal product manufacturing	3	14	7	750	25 441	578	1 223	15 051	72 895	42 152	116 597	1 284
33299	All other fabricated metal product manufacturing	3	12	6	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	30	8	1 190	47 270	724	1 512	20 551	111 948	85 541	199 436	3 219
3339	Other general purpose machinery manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	2	50	19	1 460	74 359	750	1 465	23 506	165 551	86 494	254 056	8 892
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	28	10	830	43 114	334	620	11 151	100 861	63 406	165 023	5 732
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	28	10	830	43 114	334	620	11 151	100 861	63 406	165 023	5 732
335	Electrical equipment, appliance, and component manufacturing	2	17	10	741	28 475	514	1 075	15 927	63 751	37 365	101 138	1 415
337	Furniture and related product manufacturing	4	'67	9	'622	'18 539	'484	'873	'11 419	'41 245	'24 905	'66 089	'1 425

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 ²			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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WESTCHESTER—Con.													
339	Miscellaneous manufacturing	1	100	22	2 412	85 725	1 589	3 171	45 941	334 236	342 941	689 621	5 597
3391	Medical equipment and supplies manufacturing	7	36	9	516	22 833	270	553	8 718	44 856	55 616	100 030	3 068
33911	Medical equipment and supplies manufacturing	7	36	9	516	22 833	270	553	8 718	44 856	55 616	100 030	3 068
3399	Other miscellaneous manufacturing	—	64	13	1 896	62 892	1 319	2 618	37 223	289 380	287 325	589 591	2 529
33991	Jewelry and silverware manufacturing	—	13	6	g	D	D	D	D	D	D	D	1 324
339911	Jewelry (except costume) manufacturing	—	9	5	f	D	D	D	D	D	D	D	D
WYOMING													
31-33	Manufacturing	—	57	19	1 859	53 717	1 453	2 795	37 324	167 572	132 025	300 459	10 877
YATES													
31-33	Manufacturing	—	31	8	721	23 709	513	1 037	14 967	71 403	54 479	125 624	3 325

¹Some 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.

²Includes establishments with payroll at any time during the year.

³Industries 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.

⁴Number 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	E ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
AKRON													
31-33	Manufacturing	2	11	7	968	35 162	598	1 235	14 564	77 652	107 781	189 101	3 596
ALBANY													
31-33	Manufacturing	2	79	27	2 310	83 361	1 641	3 272	50 859	303 102	252 979	560 314	10 185
311	Food manufacturing	2	14	5	567	19 865	435	856	14 717	96 710	138 172	233 747	2 031
AMHERST (BALANCE)													
31-33	Manufacturing	1	78	25	3 043	128 776	1 746	3 462	54 384	303 182	216 686	522 512	22 050
334	Computer and electronic product manufacturing	1	11	6	957	45 542	475	954	13 537	67 208	73 068	140 431	6 606
339	Miscellaneous manufacturing	-	19	5	1 058	42 309	513	1 010	14 015	141 512	80 028	224 324	5 446
3399	Other miscellaneous manufacturing	-	10	3	759	30 641	374	751	10 806	109 501	44 915	153 914	D
33994	Office supplies (except paper) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339944	Carbon paper and inked ribbon manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
AMITYVILLE													
31-33	Manufacturing	-	26	8	703	34 536	428	827	15 364	84 302	68 358	152 957	5 354
AMSTERDAM													
31-33	Manufacturing	1	33	10	1 293	38 715	1 053	2 165	26 642	97 375	83 835	174 623	5 200
AUBURN													
31-33	Manufacturing	-	59	23	2 599	101 479	1 845	3 895	63 635	215 596	340 125	575 825	11 804
333	Machinery manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
AVON													
31-33	Manufacturing	-	9	5	945	29 704	806	1 515	21 174	124 644	69 774	194 246	D
311	Food manufacturing	-	1	1	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
311412	Frozen specialty food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BABYLON TOWN (BALANCE)													
31-33	Manufacturing	2	755	188	15 516	614 999	10 555	20 958	331 837	1 333 885	919 686	2 233 914	73 189
311	Food manufacturing	2	37	10	901	27 403	590	1 155	13 931	60 325	77 043	135 652	3 422
322	Paper manufacturing	-	14	6	761	33 210	511	1 030	15 904	72 029	98 569	169 158	6 328
3222	Converted paper product manufacturing	-	14	6	761	33 210	511	1 030	15 904	72 029	98 569	169 158	6 328
323	Printing and related support activities	2	89	24	1 603	55 994	1 206	2 421	34 588	107 551	67 528	175 279	3 404
3231	Printing and related support activities	2	89	24	1 603	55 994	1 206	2 421	34 588	107 551	67 528	175 279	3 404
32311	Printing	1	80	22	1 509	52 027	1 131	2 279	32 023	100 453	66 136	166 787	3 280
323110	Commercial lithographic printing	1	34	12	742	27 457	525	1 089	16 163	49 963	40 364	90 337	1 893
325	Chemical manufacturing	4	27	6	596	25 309	420	939	13 451	101 840	60 897	161 206	12 311
326	Plastics and rubber products manufacturing	-	34	14	857	25 918	526	1 125	12 885	62 620	57 636	120 951	2 245
3261	Plastics product manufacturing ..	-	30	10	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	25	9	588	16 772	369	777	8 440	42 465	40 085	82 996	D
326199	All other plastics product manufacturing	-	25	9	588	16 772	369	777	8 440	42 465	40 085	82 996	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BABYLON TOWN (BALANCE)													
—Con.													
332	Fabricated metal product manufacturing	3	200	38	3 479	153 319	2 091	4 158	73 205	317 585	168 907	476 296	13 244
3323	Architectural and structural metals manufacturing	4	37	11	1 103	47 902	552	1 138	20 439	98 107	64 658	159 112	3 391
33232	Ornamental and architectural metal products manufacturing	4	28	9	997	43 482	478	977	17 418	83 486	58 830	138 676	3 039
332322	Sheet metal work manufacturing	3	19	6	827	36 091	347	706	12 220	63 585	36 767	100 414	1 240
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	104	12	997	42 864	725	1 538	27 891	80 562	39 257	114 993	5 127
33271	Machine shops	2	86	9	723	31 429	536	1 127	20 716	60 317	27 309	84 200	4 199
332710	Machine shops	2	86	9	723	31 429	536	1 127	20 716	60 317	27 309	84 200	4 199
3329	Other fabricated metal product manufacturing	3	14	3	595	36 874	211	417	9 505	81 941	34 907	115 081	3 451
333	Machinery manufacturing	1	65	17	1 038	45 808	658	1 316	20 107	88 731	56 408	145 669	2 186
334	Computer and electronic product manufacturing	1	43	13	1 504	83 872	1 055	1 755	54 022	177 458	76 870	249 382	16 122
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	10	5	883	53 811	695	1 008	40 595	122 129	47 602	164 468	12 954
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	10	5	883	53 811	695	1 008	40 595	122 129	47 602	164 468	12 954
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	7	28	7	f	D	D	D	D	D	D	D	3 050
337	Furniture and related product manufacturing	4	62	15	919	26 717	696	1 392	17 472	56 953	48 543	104 023	1 474
339	Miscellaneous manufacturing	2	55	17	1 771	63 198	1 259	2 556	32 434	128 677	67 452	194 600	4 292
3399	Other miscellaneous manufacturing	3	40	11	1 337	46 301	934	1 865	21 471	91 927	56 862	147 880	3 550
33999	All other miscellaneous manufacturing	—	15	4	810	25 933	628	1 178	13 649	58 322	28 587	85 890	1 471
339992	Musical instrument manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
BATAVIA													
31-33	Manufacturing	—	47	13	1 732	59 957	1 139	1 960	31 137	163 593	213 081	371 994	8 323
BETHLEHEM													
31-33	Manufacturing	—	13	5	1 533	66 922	1 115	2 388	49 334	425 028	154 623	588 650	D
325	Chemical manufacturing	—	5	2	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	—	3	2	g	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	—	3	2	g	D	D	D	D	D	D	D	D
BINGHAMTON													
31-33	Manufacturing	—	77	33	3 886	137 265	2 409	4 068	69 926	440 321	380 444	831 173	15 511
311	Food manufacturing	—	7	4	880	22 177	678	1 114	16 788	213 871	119 898	333 269	D
3119	Other food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery 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]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BINGHAMTON—Con.													
334	Computer and electronic product manufacturing	—	8	8	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	7	7	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	7	7	f	D	D	D	D	D	D	D	D
BRIGHTON													
31-33	Manufacturing	1	30	9	1 256	59 193	534	1 035	15 460	56 804	49 058	97 189	4 195
334	Computer and electronic product manufacturing	—	6	2	693	41 962	179	381	6 204	20 623	27 578	40 216	D
3342	Communications equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
BROOKHAVEN (BALANCE)													
31-33	Manufacturing	1	266	48	4 203	169 801	2 899	5 493	95 899	526 388	602 657	1 135 558	56 774
325	Chemical manufacturing	—	9	3	f	D	D	D	D	D	D	D	2 310
334	Computer and electronic product manufacturing	—	23	8	859	34 821	643	1 232	22 462	236 872	329 379	568 212	D
3341	Computer and peripheral equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
BUFFALO													
31-33	Manufacturing	1	405	150	17 158	712 567	12 152	23 715	462 405	2 439 873	1 928 295	4 375 024	167 529
311	Food manufacturing	1	51	25	3 639	140 519	2 611	4 856	90 875	955 717	675 225	1 630 523	27 672
3112	Grain and oilseed milling	—	4	3	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	7	2	2	f	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	7	2	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	8	5	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	8	5	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	8	5	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	22	7	791	25 570	358	507	10 380	64 165	17 687	81 779	D
31181	Bread and bakery product manufacturing	3	19	7	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	3	10	5	693	24 177	304	448	9 629	61 012	15 918	76 859	D
315	Apparel manufacturing	6	8	2	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	9	3	1	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	51	13	1 201	42 808	729	1 425	21 936	89 827	62 715	154 326	10 377
3231	Printing and related support activities	1	51	13	1 201	42 808	729	1 425	21 936	89 827	62 715	154 326	10 377
32311	Printing	1	44	11	1 124	40 654	663	1 297	20 235	84 796	61 988	149 674	D
323110	Commercial lithographic printing	1	22	6	767	28 287	434	849	13 581	56 321	39 948	98 769	5 711
325	Chemical manufacturing	2	21	10	876	38 484	522	1 048	17 327	94 477	72 213	169 888	6 847

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]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BUFFALO—Con.													
326	Plastics and rubber products manufacturing	—	24	12	1 525	61 705	967	1 897	38 809	353 358	146 533	503 227	14 406
3261	Plastics product manufacturing ..	—	16	9	1 362	56 637	864	1 659	35 938	344 637	131 948	476 119	D
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326121	Un laminated plastics profile shape manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	9	1	620	19 103	510	947	14 453	32 041	23 796	55 357	1 163
3271	Clay product and refractory manufacturing	—	2	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
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	4	4	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	4	85	28	1 965	76 797	1 329	2 690	45 942	170 004	125 814	299 029	4 601
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	7	25	9	667	28 589	510	1 042	18 358	53 168	24 396	77 054	2 173
333	Machinery manufacturing	5	32	11	745	32 774	429	890	14 892	62 613	53 382	116 887	3 252
336	Transportation equipment manufacturing	—	13	7	2 252	146 978	1 923	4 036	126 905	318 075	425 540	744 795	D
3363	Motor vehicle parts manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	39	11	1 030	30 345	681	1 272	14 460	57 092	39 795	94 276	2 183
3391	Medical equipment and supplies manufacturing	—	16	5	580	17 704	339	691	7 252	32 628	20 330	53 189	1 467
33911	Medical equipment and supplies manufacturing	—	16	5	580	17 704	339	691	7 252	32 628	20 330	53 189	1 467
CANANDAIGUA													
31-33	Manufacturing	—	17	5	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31213	Wineries	—	1	1	f	D	D	D	D	D	D	D	D
312130	Wineries	—	1	1	f	D	D	D	D	D	D	D	D
CARMEL													
31-33	Manufacturing	—	29	3	f	D	D	D	D	D	D	D	1 912
CHEEKTOWAGA (BALANCE)													
31-33	Manufacturing	1	92	34	4 128	174 976	2 480	5 073	87 311	402 212	351 569	748 237	28 811
332	Fabricated metal product manufacturing	2	12	2	511	19 868	396	893	13 894	44 359	32 350	76 000	1 347
333	Machinery manufacturing	—	11	5	1 074	63 895	451	1 091	24 091	132 769	91 258	223 686	3 981
CHESTNUT RIDGE													
31-33	Manufacturing	—	9	4	f	D	D	D	D	D	D	D	D
CHILI													
31-33	Manufacturing	1	31	15	1 108	45 560	794	1 550	28 099	106 800	96 479	184 406	4 058
CICERO (BALANCE)													
31-33	Manufacturing	1	18	7	f	D	D	D	D	D	D	D	2 507

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
CLARENCE													
31-33	Manufacturing	-	29	6	1 407	56 512	895	1 910	28 403	164 903	45 925	209 341	14 934
335	Electrical equipment, appliance, and component manufacturing	-	1	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
33591	Battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CLARKSTOWN (BALANCE)													
31-33	Manufacturing	2	81	13	1 342	47 792	927	1 949	25 467	122 027	112 062	232 908	5 838
CLAY (BALANCE)													
31-33	Manufacturing	-	25	10	957	29 619	740	1 412	19 098	86 410	42 604	124 665	7 854
CLIFTON PARK													
31-33	Manufacturing	2	23	8	595	22 429	391	816	11 988	50 592	38 556	89 882	1 791
COHOES													
31-33	Manufacturing	4	21	7	1 033	47 035	651	1 401	20 440	71 517	71 528	144 209	4 369
COLONIE TOWN (BALANCE)													
31-33	Manufacturing	1	67	23	2 491	106 871	1 466	2 921	49 257	413 439	320 009	735 725	42 080
CORNING													
31-33	Manufacturing	5	12	6	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	5	7	4	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	6	6	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	6	6	3	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	6	5	3	f	D	D	D	D	D	D	D	D
CORTLAND													
31-33	Manufacturing	2	32	11	2 103	72 329	1 399	2 640	40 057	142 658	155 691	294 733	D
332	Fabricated metal product manufacturing	2	4	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	2	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
33399	All other general purpose machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
DEPEW													
31-33	Manufacturing	1	31	9	2 085	77 405	1 622	3 302	54 311	156 686	106 649	261 556	9 265
323	Printing and related support activities	-	4	2	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	4	2	g	D	D	D	D	D	D	D	D
32311	Printing	-	4	2	g	D	D	D	D	D	D	D	D
323117	Books printing	-	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.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DE WITT (BALANCE)													
31-33	Manufacturing	-	109	46	7 888	422 507	5 813	12 922	294 998	929 562	1 047 475	1 996 896	24 909
334	Computer and electronic product manufacturing	-	13	6	933	45 576	435	902	15 371	121 494	72 737	194 453	5 645
335	Electrical equipment, appliance, and component manufacturing	-	11	5	879	28 381	564	980	12 148	95 842	24 434	126 407	1 062
3359	Other electrical equipment and component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
DUNKIRK													
31-33	Manufacturing	1	18	8	1 659	59 135	1 283	2 469	40 641	135 110	145 522	276 265	17 036
311	Food manufacturing	-	5	4	g	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
31142	Fruit and vegetable canning, pickling, and drying	-	1	1	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	-	1	1	f	D	D	D	D	D	D	D	D
EAST AURORA													
31-33	Manufacturing	-	11	3	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333995	Fluid power cylinder and actuator manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
EAST FISHKILL													
31-33	Manufacturing	-	17	7	i	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	5	3	i	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	4	3	i	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	3	i	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
EAST SYRACUSE													
31-33	Manufacturing	6	23	10	2 168	116 182	1 125	2 046	46 997	168 560	116 389	281 865	D
325	Chemical manufacturing	7	2	2	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	7	2	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	7	2	2	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	7	2	2	g	D	D	D	D	D	D	D	D
ELLENVILLE													
31-33	Manufacturing	-	9	4	1 148	36 795	927	1 913	23 544	63 557	59 026	124 562	1 254
332	Fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
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

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ELMA													
31-33	Manufacturing	4	18	5	1 262	39 068	992	1 825	26 704	216 604	144 330	369 467	D
336	Transportation equipment manufacturing	—	2	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
33632	Motor vehicle electrical and electronic equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
ELMIRA													
31-33	Manufacturing	1	27	12	1 828	66 573	1 151	2 249	35 593	163 563	109 395	274 416	13 397
332	Fabricated metal product manufacturing	—	6	4	735	24 842	496	973	14 734	79 937	41 756	124 779	D
ELMIRA HEIGHTS													
31-33	Manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
333512	Machine tool (metal cutting types) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
ENDICOTT													
31-33	Manufacturing	—	16	6	i	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	3	2	i	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	1	1	i	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	1	1	i	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing	—	1	1	i	D	D	D	D	D	D	D	D
EVANS													
31-33	Manufacturing	4	9	5	682	22 564	471	787	8 767	58 419	49 996	106 399	3 127
FALCONER													
31-33	Manufacturing	—	14	9	952	34 823	623	1 263	16 504	62 916	43 322	105 849	3 951
FARMINGDALE													
31-33	Manufacturing	2	34	7	1 380	80 671	599	1 267	24 702	120 223	137 570	248 461	5 257
334	Computer and electronic product manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
FORT EDWARD													
31-33	Manufacturing	9	12	5	845	37 649	617	1 281	26 490	162 399	174 373	333 060	D
FRANKFORT													
31-33	Manufacturing	3	10	5	654	20 794	522	1 054	13 960	67 453	59 918	128 176	2 549
FREDONIA													
31-33	Manufacturing	—	7	1	f	D	D	D	D	D	D	D	D
311	Food manufacturing	—	1	1	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
31142	Fruit and vegetable canning, pickling, and drying	—	1	1	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning	—	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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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FREEPORT													
31-33	Manufacturing	3	112	32	3 484	108 858	2 455	4 700	59 243	208 666	182 602	395 326	17 829
323	Printing and related support activities	5	13	5	1 141	24 053	819	1 608	14 507	36 209	19 336	55 444	2 254
3231	Printing and related support activities	5	13	5	1 141	24 053	819	1 608	14 507	36 209	19 336	55 444	2 254
32311	Printing	5	12	4	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	7	6	2	948	17 161	695	1 365	11 084	24 519	15 234	39 778	1 792
FULTON													
31-33	Manufacturing	1	16	10	1 846	80 239	1 389	2 722	54 885	202 918	253 265	460 421	8 526
311	Food manufacturing	—	2	2	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
32221	Paperboard container manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
GATES													
31-33	Manufacturing	1	81	38	3 819	168 098	2 463	4 803	89 051	332 668	259 726	588 244	25 397
311	Food manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	25	12	664	29 348	523	1 126	21 353	54 974	23 058	77 806	11 594
333	Machinery manufacturing	—	19	12	1 537	84 149	762	1 280	32 779	173 002	134 975	303 843	6 333
3332	Industrial machinery manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
333293	Printing machinery and equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
GENEVA													
31-33	Manufacturing	2	15	5	f	D	D	D	D	D	D	D	D
GLEN COVE													
31-33	Manufacturing	—	38	7	g	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
334412	Bare printed circuit board manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
GLENS FALLS													
31-33	Manufacturing	2	35	9	2 809	106 686	1 687	3 058	45 683	340 160	393 366	730 404	22 425
322	Paper manufacturing	—	2	2	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
339	Miscellaneous manufacturing	6	5	2	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	6	3	2	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	6	3	2	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing	6	2	2	g	D	D	D	D	D	D	D	D
GLENVILLE (BALANCE)													
31-33	Manufacturing	4	24	12	1 174	43 681	838	1 696	26 107	131 373	132 439	259 796	D
GLOVERSVILLE													
31-33	Manufacturing	5	49	15	1 347	39 978	1 073	2 052	27 045	114 214	117 439	231 840	3 762

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GRAND ISLAND													
31-33	Manufacturing	3	16	7	1 006	43 123	610	1 240	19 912	140 601	82 182	226 513	6 460
325	Chemical manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
GREECE													
31-33	Manufacturing	-	25	7	1 831	103 000	718	1 258	22 344	383 756	104 151	488 097	38 170
325	Chemical manufacturing	-	1	1	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
325413	In-vitro diagnostic substance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
GREENBURGH (BALANCE)													
31-33	Manufacturing	-	45	9	1 402	50 965	836	1 675	23 097	180 761	293 481	472 371	23 669
312	Beverage and tobacco product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HAMBURG TOWN (BALANCE)													
31-33	Manufacturing	-	30	12	5 032	179 858	4 306	4 628	140 042	361 719	467 199	818 458	23 456
336	Transportation equipment manufacturing	-	2	2	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping	-	1	1	h	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	-	1	1	h	D	D	D	D	D	D	D	D
HEMPSTEAD TOWN (BALANCE)													
31-33	Manufacturing	1	342	57	6 436	253 248	4 015	7 467	111 366	2 631 067	385 590	2 961 032	143 634
325	Chemical manufacturing	-	8	3	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	2	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
332	Fabricated metal product manufacturing	2	30	4	552	22 456	383	843	12 330	41 894	24 502	67 645	712
333	Machinery manufacturing	6	11	6	567	14 429	389	721	6 997	28 243	17 978	46 363	663
334	Computer and electronic product manufacturing	3	16	4	856	54 018	401	684	15 957	151 806	45 223	197 443	4 401
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	7	3	601	40 611	301	591	12 880	106 291	39 645	146 385	2 759
33451	Navigational, measuring, electromedical, and control instruments manufacturing	-	7	3	601	40 611	301	591	12 880	106 291	39 645	146 385	2 759
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	62	6	800	25 514	531	926	12 036	60 424	57 717	117 866	6 901

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

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HENRIETTA													
31-33	Manufacturing	1	69	39	4 482	185 964	2 676	5 259	79 120	373 789	305 577	683 343	30 323
323	Printing and related support activities	-	8	4	593	21 802	436	754	12 970	41 823	36 969	81 423	5 061
3231	Printing and related support activities	-	8	4	593	21 802	436	754	12 970	41 823	36 969	81 423	5 061
32311	Printing	-	8	4	593	21 802	436	754	12 970	41 823	36 969	81 423	5 061
323110	Commercial lithographic printing	-	6	4	f	D	D	D	D	D	D	D	5 061
326	Plastics and rubber products manufacturing	-	3	3	580	19 558	381	773	9 826	20 892	34 797	55 741	D
3261	Plastics product manufacturing ..	-	3	3	580	19 558	381	773	9 826	20 892	34 797	55 741	D
32615	Urethane and other foam product (except polystyrene) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	16	7	526	25 799	227	453	9 069	46 025	36 562	83 550	D
339	Miscellaneous manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
339111	Laboratory apparatus and furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HONEOYE FALLS													
31-33	Manufacturing	-	9	6	593	22 758	519	1 219	18 929	72 457	32 887	100 228	2 661
HORNELL													
31-33	Manufacturing	-	8	3	1 047	47 057	483	1 012	13 790	132 122	127 667	249 094	D
336	Transportation equipment manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
HORSEHEADS													
31-33	Manufacturing	-	16	8	2 588	94 171	1 950	3 835	59 189	223 150	236 655	458 658	D
334	Computer and electronic product manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
334411	Electron tube manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
HUDSON													
31-33	Manufacturing	1	21	8	757	21 451	521	1 019	11 110	66 019	26 419	93 550	D
HUNTINGTON (BALANCE)													
31-33	Manufacturing	-	165	40	7 532	319 154	4 706	9 147	161 126	3 943 284	1 125 351	5 028 822	51 778
323	Printing and related support activities	1	28	7	908	34 455	562	1 115	16 853	81 171	32 023	112 497	1 831
3231	Printing and related support activities	1	28	7	908	34 455	562	1 115	16 853	81 171	32 023	112 497	1 831
32311	Printing	-	25	6	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	8	7	h	D	D	D	D	D	D	D	21 104
3254	Pharmaceutical and medicine manufacturing	6	5	4	927	46 878	535	1 112	18 549	262 387	107 349	369 395	D
32541	Pharmaceutical and medicine manufacturing	6	5	4	927	46 878	535	1 112	18 549	262 387	107 349	369 395	D
325412	Pharmaceutical preparation manufacturing	6	3	2	f	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	-	2	2	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HUNTINGTON (BALANCE)—Con.													
334	Computer and electronic product manufacturing	-	16	8	g	D	D	D	D	D	D	D	18 773
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	2	2	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
ILION													
31-33	Manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332994	Small arms manufacturing...	-	1	1	g	D	D	D	D	D	D	D	D
IRVINGTON													
31-33	Manufacturing	-	10	4	542	18 016	375	750	8 768	57 688	89 139	146 863	1 267
ISLANDIA													
31-33	Manufacturing	3	19	7	621	21 312	497	1 127	14 758	37 554	29 321	67 220	852
ISLIP (BALANCE)													
31-33	Manufacturing	3	'782	'221	'21 278	'806 828	'14 460	'28 230	'429 157	'2 898 555	'1 459 053	'4 401 084	'97 696
311	Food manufacturing	-	37	9	2 432	85 369	1 488	3 101	45 884	390 500	213 194	603 561	12 497
3118	Bakeries and tortilla manufacturing	-	24	6	2 043	73 106	1 202	2 439	40 620	347 204	162 105	509 645	10 599
31181	Bread and bakery product manufacturing	-	22	5	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	8	3	g	D	D	D	D	D	D	D	10 187
323	Printing and related support activities	4	110	23	1 957	76 853	1 329	2 516	47 098	207 503	103 275	310 421	8 435
3231	Printing and related support activities	4	110	23	1 957	76 853	1 329	2 516	47 098	207 503	103 275	310 421	8 435
32311	Printing	4	100	22	1 890	74 541	1 291	2 443	45 656	203 319	101 823	304 783	8 369
323110	Commercial lithographic printing	-	47	11	935	38 054	668	1 218	25 858	81 658	44 159	125 734	3 703
325	Chemical manufacturing	4	31	16	2 513	104 144	1 712	3 698	46 676	1 179 786	238 619	1 455 497	19 521
3254	Pharmaceutical and medicine manufacturing	4	16	12	2 313	96 290	1 561	3 427	42 090	1 160 465	223 278	1 420 901	D
32541	Pharmaceutical and medicine manufacturing	4	16	12	2 313	96 290	1 561	3 427	42 090	1 160 465	223 278	1 420 901	D
325411	Medicinal and botanical manufacturing	8	5	5	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	9	6	1 329	58 150	873	1 957	24 451	544 348	130 513	709 361	10 159
326	Plastics and rubber products manufacturing	5	34	14	1 155	32 842	957	1 954	19 583	59 128	54 973	114 486	3 663
3261	Plastics product manufacturing ..	5	28	12	1 070	30 181	887	1 797	17 830	53 245	50 151	103 856	3 493
32619	Other plastics product manufacturing	5	22	11	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	5	21	11	g	D	D	D	D	D	D	D	2 585
327	Nonmetallic mineral product manufacturing	2	24	9	508	20 751	408	746	14 993	52 658	36 089	88 665	2 984

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ISLIP (BALANCE)—Con.													
332	Fabricated metal product manufacturing	3	165	43	3 468	137 494	2 372	4 097	78 993	262 739	192 967	445 292	16 104
3323	Architectural and structural metals manufacturing	3	38	17	1 512	57 676	1 006	1 369	31 354	102 193	64 128	156 430	2 162
33232	Ornamental and architectural metal products manufacturing	3	33	14	1 356	51 247	946	1 271	29 793	95 404	53 993	139 506	1 849
332322	Sheet metal work manufacturing	4	18	7	891	33 509	695	754	23 691	60 696	15 054	65 961	334
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	84	16	1 217	50 572	866	1 772	32 555	90 194	62 236	148 731	9 212
33271	Machine shops	4	61	9	684	29 648	531	1 063	20 993	48 431	40 290	88 281	2 524
332710	Machine shops	4	61	9	684	29 648	531	1 063	20 993	48 431	40 290	88 281	2 524
33272	Turned product and screw, nut, and bolt manufacturing	4	23	7	533	20 924	335	709	11 562	41 763	21 946	60 450	6 688
333	Machinery manufacturing	2	52	7	584	25 790	372	676	12 623	58 852	30 488	89 355	6 544
334	Computer and electronic product manufacturing	3	65	27	2 308	95 492	1 435	2 635	45 666	172 299	118 513	304 383	D
3344	Semiconductor and other electronic component manufacturing	1	30	17	1 566	60 768	1 049	1 919	33 791	119 078	60 243	181 871	5 272
33441	Semiconductor and other electronic component manufacturing	1	30	17	1 566	60 768	1 049	1 919	33 791	119 078	60 243	181 871	5 272
334413	Semiconductor and related device manufacturing	1	5	3	674	30 279	401	646	16 022	55 153	21 783	78 419	1 975
335	Electrical equipment, appliance, and component manufacturing	7	29	15	1 007	40 806	571	1 150	14 666	108 090	88 225	196 064	2 861
336	Transportation equipment manufacturing	1	29	16	1 407	59 498	921	1 761	32 621	110 329	112 349	222 293	5 547
3364	Aerospace product and parts manufacturing	-	15	10	f	D	D	D	D	D	D	D	3 468
33641	Aerospace product and parts manufacturing	-	15	10	f	D	D	D	D	D	D	D	3 468
337	Furniture and related product manufacturing	4	52	4	626	25 705	418	920	14 015	49 658	32 456	83 279	941
339	Miscellaneous manufacturing	2	78	17	1 778	60 890	1 255	2 626	32 001	125 847	74 569	200 410	5 089
3391	Medical equipment and supplies manufacturing	3	35	7	810	29 282	558	1 222	16 981	69 591	29 328	99 066	2 134
33911	Medical equipment and supplies manufacturing	3	35	7	810	29 282	558	1 222	16 981	69 591	29 328	99 066	2 134
3399	Other miscellaneous manufacturing	2	43	10	968	31 608	697	1 404	15 020	56 256	45 241	101 344	2 955
33999	All other miscellaneous manufacturing	2	18	5	672	22 566	484	972	9 952	38 728	31 930	70 523	2 020
339999	All other miscellaneous manufacturing	-	14	3	535	18 157	371	741	7 063	28 696	25 318	53 879	1 572
ITHACA CITY													
31-33	Manufacturing	-	32	8	1 101	39 491	796	1 560	23 122	178 527	146 858	322 622	8 240
336	Transportation equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
ITHACA TOWN (BALANCE)													
31-33	Manufacturing	-	7	4	1 226	46 953	835	1 737	28 190	187 055	104 588	295 199	D
336	Transportation equipment manufacturing	-	2	2	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
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
JAMESTOWN													
31-33	Manufacturing	1	71	25	2 523	87 644	1 909	3 797	61 196	170 329	125 979	300 834	10 197
332	Fabricated metal product manufacturing	1	20	8	1 082	44 299	817	1 629	31 208	76 571	45 322	126 325	5 458
JOHNSTOWN													
31-33	Manufacturing	5	35	15	859	27 630	620	1 212	15 664	64 940	47 810	113 024	1 649
KINGSTON													
31-33	Manufacturing	'5	'49	'11	'857	'28 936	'570	'1 114	'16 195	'75 357	'76 898	'151 785	'3 568

See footnotes at end of table.

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

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
LANCASTER VILLAGE													
31-33	Manufacturing	4	26	8	1 004	37 244	708	1 295	19 926	91 898	71 866	168 409	5 294
LANCASTER TOWN (BALANCE)													
31-33	Manufacturing	2	32	13	1 100	40 926	792	1 495	25 373	89 565	79 085	169 455	18 023
LE ROY													
31-33	Manufacturing	3	11	4	587	21 754	435	943	13 758	36 152	49 685	85 657	D
LINDENHURST													
31-33	Manufacturing	4	65	7	621	21 451	434	799	11 882	42 821	29 089	71 707	2 168
LITTLE FALLS													
31-33	Manufacturing	2	12	8	624	24 910	516	1 036	18 331	75 914	52 372	127 639	D
LOCKPORT CITY													
31-33	Manufacturing	1	43	18	1 484	55 494	1 081	2 313	36 228	146 876	177 228	327 472	6 554
332	Fabricated metal product manufacturing	-	13	5	624	23 064	504	1 148	17 902	42 332	44 219	87 483	2 634
LOCKPORT TOWN													
31-33	Manufacturing	-	15	5	h	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
LOWVILLE													
31-33	Manufacturing	-	10	6	912	32 342	742	1 454	23 174	146 477	183 188	325 090	2 903
LYONS													
31-33	Manufacturing	6	8	2	530	18 961	418	830	12 592	26 944	77 073	104 925	D
LYSANDER (BALANCE)													
31-33	Manufacturing	-	11	4	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	1	1	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
MANLIUS VILLAGE													
31-33	Manufacturing	-	8	4	1 423	55 685	938	2 005	27 376	116 505	67 403	181 010	4 341
337	Furniture and related product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
MANORHAVEN													
31-33	Manufacturing	9	10	1	559	29 190	319	616	5 906	57 039	21 554	79 584	1 641
332	Fabricated metal product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
MASSENA													
31-33	Manufacturing	-	9	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
3315	Foundries	-	1	1	f	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries	-	1	1	f	D	D	D	D	D	D	D	D
331521	Aluminum die-casting foundries	-	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]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MEDINA													
31-33	Manufacturing	-	16	6	700	21 268	497	987	11 334	91 392	74 794	165 777	2 715
MIDDLETOWN													
31-33	Manufacturing	2	42	13	1 284	46 138	928	1 966	28 511	109 947	101 035	216 871	3 602
MINEOLA													
31-33	Manufacturing	3	58	16	1 304	42 422	1 032	2 025	29 304	72 638	56 095	128 117	5 457
332	Fabricated metal product manufacturing	-	11	4	551	17 804	489	951	14 922	25 400	23 098	47 989	4 298
MOUNT VERNON													
31-33	Manufacturing	2	126	43	3 859	146 363	2 522	5 275	73 527	352 058	334 084	680 655	14 791
333	Machinery manufacturing	-	6	1	f	D	D	D	D	D	D	D	1 301
3339	Other general purpose machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	19	8	1 008	32 079	691	1 434	17 312	43 947	115 735	155 249	1 818
3399	Other miscellaneous manufacturing	2	12	5	897	27 876	613	1 276	14 771	37 286	114 127	146 986	1 592
33991	Jewelry and silverware manufacturing	-	5	4	f	D	D	D	D	D	D	D	1 225
NEWARK													
31-33	Manufacturing	-	21	12	1 201	35 108	839	1 702	19 450	52 699	65 398	120 094	3 324
NEWBURGH CITY													
31-33	Manufacturing	3	41	13	784	21 400	573	1 120	11 355	57 595	43 239	100 954	1 850
NEWBURGH TOWN													
31-33	Manufacturing	5	17	6	f	D	D	D	D	D	D	D	D
NEW HARTFORD (BALANCE)													
31-33	Manufacturing	7	14	4	1 275	30 364	535	896	16 181	69 789	120 444	191 793	3 287
334	Computer and electronic product manufacturing	1	2	1	f	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
NEW ROCHELLE													
31-33	Manufacturing	2	65	15	1 251	43 445	921	1 781	25 644	112 418	73 465	189 163	6 896
NEW WINDSOR													
31-33	Manufacturing	-	39	14	1 380	54 571	977	2 019	32 131	165 777	244 196	407 507	16 369

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK													
31-33	Manufacturing	3	'8 228	'1 656	'143 211	'4 639 372	'101 371	'191 094	'2 577 411	'13 358 161	'11 680 990	'25 043 179	'434 828
311	Food manufacturing	4	968	143	14 066	439 743	8 772	16 830	227 443	1 290 747	1 348 194	2 632 066	59 726
3113	Sugar and confectionery product manufacturing	8	38	9	1 198	36 399	1 019	2 245	23 336	157 415	293 051	450 831	8 886
31133	Confectionery manufacturing from purchased chocolate ...	—	18	3	692	14 135	638	1 463	10 992	38 741	19 056	56 815	D
311330	Confectionery manufacturing from purchased chocolate ..	—	18	3	692	14 135	638	1 463	10 992	38 741	19 056	56 815	D
3114	Fruit and vegetable preserving and specialty food manufacturing	6	26	7	501	14 536	410	827	10 285	63 315	38 458	101 799	1 933
3115	Dairy product manufacturing	2	31	5	646	30 588	404	922	21 008	109 717	196 296	305 413	3 727
31151	Dairy product (except frozen) manufacturing	1	16	3	519	26 690	292	688	17 912	89 981	182 779	272 025	2 837
3116	Animal slaughtering and processing	3	63	21	1 393	41 124	1 120	2 317	27 338	129 393	277 336	406 210	6 902
31161	Animal slaughtering and processing	3	63	21	1 393	41 124	1 120	2 317	27 338	129 393	277 336	406 210	6 902
311612	Meat processed from carcasses	3	36	13	815	26 445	628	1 310	17 020	92 161	162 058	253 237	3 109
3118	Bakeries and tortilla manufacturing	4	682	66	6 737	196 134	3 427	5 760	87 555	516 653	180 820	696 741	22 859
31181	Bread and bakery product manufacturing	4	646	59	5 856	160 830	2 830	4 501	67 678	396 092	129 531	524 945	18 177
311811	Retail bakeries	5	458	28	2 683	44 412	1 368	1 935	22 305	90 170	48 250	138 296	3 269
311812	Commercial bakeries	4	181	30	3 104	114 850	1 401	2 501	44 347	301 230	77 343	378 004	14 752
31182	Cookie, cracker, and pasta manufacturing	2	35	7	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	3	19	6	757	31 490	518	1 085	17 499	107 924	35 953	143 872	2 726
3119	Other food manufacturing	3	115	33	3 077	105 905	2 037	4 218	50 794	289 790	321 149	605 545	14 373
31194	Seasoning and dressing manufacturing	6	17	6	501	24 050	319	693	11 177	69 646	70 120	135 186	2 300
31199	All other food manufacturing ...	1	74	17	1 909	55 381	1 272	2 604	27 735	133 776	160 068	293 555	5 720
311991	Perishable prepared food manufacturing	—	26	8	1 139	32 506	759	1 638	17 285	69 606	77 461	147 057	2 034
311999	All other miscellaneous food manufacturing	2	48	9	770	22 875	513	966	10 450	64 170	82 607	146 498	3 686
312	Beverage and tobacco product manufacturing	6	22	8	1 105	39 724	579	1 176	20 629	250 162	263 889	514 622	19 621
3121	Beverage manufacturing	5	20	7	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	5	15	6	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	5	11	5	943	34 343	475	982	17 720	135 883	246 009	382 370	D
313	Textile mills	4	297	74	6 005	185 199	4 551	8 880	109 374	552 294	812 632	1 373 095	17 528
3132	Fabric mills	4	105	18	1 537	44 360	1 221	2 320	28 202	135 779	168 270	305 049	4 992
31324	Knit fabric mills	3	42	9	699	18 321	556	1 039	11 561	50 799	66 842	120 454	2 167
3133	Textile and fabric finishing and fabric coating mills	4	177	52	4 302	135 991	3 220	6 355	79 203	406 839	622 537	1 036 413	11 989
31331	Textile and fabric finishing mills	4	170	48	4 112	127 101	3 109	6 152	75 912	379 478	580 345	965 901	10 588
313311	Broadwoven fabric finishing mills	4	132	38	3 295	103 240	2 459	4 957	59 951	323 629	495 702	826 735	8 083
313312	Textile and fabric finishing (except broadwoven fabric) mills	5	38	10	817	23 861	650	1 195	15 961	55 849	84 643	139 166	2 505
314	Textile product mills	3	187	39	3 305	97 858	2 061	3 920	41 391	300 143	367 371	665 232	6 436
3141	Textile furnishings mills	2	90	24	1 914	59 697	1 149	2 206	22 310	218 081	293 302	508 940	4 179
31412	Curtain and linen mills	2	83	21	1 671	49 608	998	1 862	16 912	201 463	273 352	472 447	3 967
314121	Curtain and drapery mills	5	46	11	1 132	28 295	620	1 128	9 527	59 418	65 932	125 013	3 228
314129	Other household textile product mills	—	37	10	539	21 313	378	734	7 385	142 045	207 420	347 434	739
3149	Other textile product mills	6	97	15	1 391	38 161	912	1 714	19 081	82 062	74 069	156 292	2 257
31499	All other textile product mills ...	6	60	11	1 024	28 936	602	1 068	12 282	66 200	60 267	126 293	2 095
314999	All other miscellaneous textile product mills	6	60	11	1 024	28 936	602	1 068	12 282	66 200	60 267	126 293	2 095

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
315	Apparel manufacturing	4	'2 227	'444	'37 154	'875 851	'28 102	'48 860	'477 523	'2 342 097	'2 860 407	'5 215 238	'41 980
3151	Apparel knitting mills	5	131	35	2 206	52 034	1 797	3 381	35 550	99 362	198 178	299 308	3 260
31519	Other apparel knitting mills	5	121	35	2 168	51 190	1 761	3 314	34 843	97 693	196 428	295 888	3 224
315191	Outerwear knitting mills	5	117	35	2 143	50 625	1 738	3 260	34 355	95 986	194 512	292 265	3 183
3152	Cut and sew apparel manufacturing	4	'1 910	'366	'30 867	'728 382	'23 155	'39 557	'385 088	'2 018 160	'2 475 237	'4 507 167	'36 222
31521	Cut and sew apparel contractors	6	1 265	191	14 795	223 890	13 295	21 921	177 827	409 176	115 865	529 920	3 831
315211	Men's and boys' cut and sew apparel contractors	6	99	19	1 289	18 890	1 104	1 747	14 747	42 236	3 283	45 400	392
315212	Women's, girls', and infants' cut and sew apparel contractors	6	1 166	172	13 506	205 000	12 191	20 174	163 080	366 940	112 582	484 520	3 439
31522	Men's and boys' cut and sew apparel manufacturing	3	75	24	1 596	40 618	1 144	2 127	23 557	110 567	99 902	221 874	856
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	4	39	11	817	23 346	637	1 219	15 078	53 923	32 890	88 719	609
31523	Women's and girls' cut and sew apparel manufacturing	4	'442	'138	'12 505	'413 528	'7 593	'13 392	'162 416	'1 364 087	'2 131 200	'3 489 785	'29 996
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	5	23	7	657	14 177	480	857	7 797	43 462	63 911	108 165	D
315232	Women's and girls' cut and sew blouse and shirt manufacturing	7	59	18	1 470	56 812	860	1 465	21 190	265 124	380 070	636 974	3 440
315233	Women's and girls' cut and sew dress manufacturing	'4	'172	'63	'5 787	'190 985	'3 047	'5 536	'71 740	'558 851	'980 781	'1 536 403	'18 897
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	4	53	19	1 224	65 846	540	900	13 240	227 940	296 692	532 243	D
315239	Women's and girls' cut and sew other outerwear manufacturing	4	135	31	3 367	85 708	2 666	4 634	48 449	268 710	409 746	676 000	4 168
31529	Other cut and sew apparel manufacturing	2	128	13	1 971	50 346	1 123	2 117	21 288	134 330	128 270	265 588	1 539
315292	Fur and leather apparel manufacturing	5	75	5	618	13 393	497	887	9 189	34 147	49 329	85 032	373
315299	All other cut and sew apparel manufacturing	1	49	6	1 269	35 511	577	1 140	11 399	94 476	76 380	172 394	1 106
3159	Apparel accessories and other apparel manufacturing	3	186	43	4 081	95 435	3 150	5 922	56 885	224 575	186 992	408 763	2 498
31599	Apparel accessories and other apparel manufacturing	3	186	43	4 081	95 435	3 150	5 922	56 885	224 575	186 992	408 763	2 498
315991	Hat, cap, and millinery manufacturing	5	47	10	f	D	D	D	D	D	D	D	1 018
315993	Men's and boys' neckwear manufacturing	1	33	13	1 126	29 325	850	1 611	16 073	100 318	78 813	179 197	933
315999	Other apparel accessories and other apparel manufacturing	4	103	20	2 309	52 114	1 769	3 319	31 998	91 370	94 316	184 350	541
316	Leather and allied product manufacturing	4	104	19	949	25 073	732	1 399	14 436	55 131	37 863	92 834	419
3169	Other leather and allied product manufacturing	3	75	13	715	18 476	557	1 053	10 057	43 139	25 520	68 637	D
31699	Other leather and allied product manufacturing	3	75	13	715	18 476	557	1 053	10 057	43 139	25 520	68 637	D
321	Wood product manufacturing	5	85	15	1 007	32 927	803	1 559	20 690	62 701	58 757	122 796	1 673
3219	Other wood product manufacturing	4	78	15	953	31 292	761	1 471	19 533	59 949	51 101	112 409	1 463
32191	Millwork	5	52	10	628	20 860	489	1 020	13 458	36 064	38 070	75 537	932
322	Paper manufacturing	2	79	37	3 325	132 524	2 351	4 706	75 900	310 689	239 120	549 328	11 701
3222	Converted paper product manufacturing	2	78	36	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	2	28	18	1 703	67 686	1 244	2 347	39 769	126 091	116 275	243 170	2 841
322211	Corrugated and solid fiber box manufacturing	1	13	8	563	25 032	414	865	14 037	49 731	53 194	102 690	D
322213	Setup paperboard box manufacturing	3	6	4	f	D	D	D	D	D	D	D	759
32223	Stationery product manufacturing	1	23	13	1 153	44 115	825	1 760	25 778	75 396	64 500	139 021	3 575
322232	Envelope manufacturing	-	10	8	774	32 031	563	1 203	18 741	55 337	45 542	99 934	2 982
323	Printing and related support activities	4	1 023	177	14 882	628 375	10 509	20 126	382 729	1 504 878	741 079	2 247 358	58 119

See footnotes at end of table.

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
323	Printing and related support activities—Con.												
3231	Printing and related support activities	4	1 023	177	14 882	628 375	10 509	20 126	382 729	1 504 878	741 079	2 247 358	58 119
32311	Printing	4	868	140	11 763	490 494	8 379	15 969	307 627	1 221 876	658 618	1 881 045	46 006
323110	Commercial lithographic printing	5	423	70	6 558	301 793	4 762	9 190	195 096	790 779	386 700	1 177 284	27 197
323113	Commercial screen printing ..	2	63	6	734	19 481	564	1 022	11 856	57 292	35 863	93 307	1 177
323114	Quick printing	3	171	14	1 134	39 349	751	1 442	23 985	86 333	54 289	140 815	3 754
323115	Digital printing	1	50	19	1 153	49 890	799	1 456	31 275	117 286	36 202	152 523	5 959
323119	Other commercial printing ...	4	91	11	850	30 331	567	1 031	17 537	59 660	40 451	100 065	3 873
32312	Support activities for printing ...	2	155	37	3 119	137 881	2 130	4 157	75 102	283 002	82 461	366 313	12 113
323121	Tradebinding and related work	3	47	16	1 140	29 149	978	2 000	20 567	46 675	10 946	56 981	1 280
323122	Prepress services	2	108	21	1 979	108 732	1 152	2 157	54 535	236 327	71 515	309 332	10 833
325	Chemical manufacturing	1	123	38	5 552	263 580	3 561	7 545	134 768	2 335 887	605 210	2 923 682	37 687
3251	Basic chemical manufacturing ...	6	9	3	606	33 661	380	726	15 500	106 397	106 370	208 232	D
3254	Pharmaceutical and medicine manufacturing	—	10	3	2 019	102 549	1 442	3 281	59 296	1 859 195	259 188	2 104 750	17 568
32541	Pharmaceutical and medicine manufacturing	—	10	3	2 019	102 549	1 442	3 281	59 296	1 859 195	259 188	2 104 750	17 568
325412	Pharmaceutical preparation manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .	6	51	17	1 536	62 490	1 049	2 057	31 505	227 740	100 715	328 603	9 172
32562	Toilet preparation manufacturing	6	29	10	1 220	45 548	868	1 685	24 661	170 555	68 789	239 420	7 549
325620	Toilet preparation manufacturing	6	29	10	1 220	45 548	868	1 685	24 661	170 555	68 789	239 420	7 549
3259	Other chemical product and preparation manufacturing	2	21	6	748	38 170	274	602	14 968	73 592	47 884	121 699	2 060
326	Plastics and rubber products manufacturing	3	171	55	3 993	131 890	3 151	6 727	84 332	309 078	302 104	611 538	23 496
3261	Plastics product manufacturing ..	3	150	54	3 862	127 074	3 056	6 537	81 403	295 049	292 622	587 955	23 017
32611	Plastics packaging materials and un laminated film and sheet manufacturing	1	49	22	1 389	48 431	986	2 146	27 493	115 598	151 878	268 147	9 609
326111	Plastics bag manufacturing ..	2	28	10	714	24 630	545	1 129	14 924	53 742	63 264	117 016	7 293
32619	Other plastics product manufacturing	3	87	27	2 150	69 099	1 804	3 802	47 269	158 521	123 549	281 615	11 225
326199	All other plastics product manufacturing	3	81	26	2 081	67 305	1 747	3 693	45 928	153 326	118 602	271 470	10 928
327	Nonmetallic mineral product manufacturing	2	128	31	1 838	68 558	1 411	2 595	48 545	171 656	155 222	326 144	9 742
3272	Glass and glass product manufacturing	4	35	10	602	18 301	470	742	11 819	40 002	25 051	64 889	1 443
32721	Glass and glass product manufacturing	4	35	10	602	18 301	470	742	11 819	40 002	25 051	64 889	1 443
327215	Glass product manufacturing made of purchased glass ..	4	29	9	554	16 960	424	652	10 651	36 103	23 340	59 279	D
3273	Cement and concrete product manufacturing	1	43	14	723	31 380	558	1 043	24 782	92 717	103 528	196 073	7 278
32732	Ready-mix concrete manufacturing	1	30	13	612	27 980	473	847	22 389	85 574	98 721	184 286	6 770
327320	Ready-mix concrete manufacturing	1	30	13	612	27 980	473	847	22 389	85 574	98 721	184 286	6 770
331	Primary metal manufacturing	4	58	12	642	23 487	477	944	13 471	52 143	47 001	100 504	1 053
332	Fabricated metal product manufacturing	4	527	116	9 033	307 134	6 661	13 593	194 262	651 317	436 535	1 090 076	26 284
3321	Forging and stamping.....	5	24	9	586	21 004	458	937	12 926	39 974	34 965	75 053	2 450
33211	Forging and stamping.....	5	24	9	586	21 004	458	937	12 926	39 974	34 965	75 053	2 450
3323	Architectural and structural metals manufacturing	4	215	51	4 380	146 919	3 107	6 524	94 796	310 927	227 858	536 899	8 597
33232	Ornamental and architectural metal products manufacturing	3	175	45	4 080	134 211	2 883	6 052	86 677	272 071	196 110	466 221	7 508
332321	Metal window and door manufacturing	3	48	17	1 535	49 190	1 090	2 360	33 149	104 547	78 575	182 652	2 698
332322	Sheet metal work manufacturing	3	52	15	1 318	38 547	1 017	2 026	26 626	80 000	52 083	131 592	2 774
332323	Ornamental and architectural metal work manufacturing ..	4	75	13	1 227	46 474	776	1 666	26 902	87 524	65 452	151 977	2 036
3326	Spring and wire product manufacturing	4	30	5	615	18 485	428	845	10 517	34 052	23 359	61 752	1 106
33261	Spring and wire product manufacturing	4	30	5	615	18 485	428	845	10 517	34 052	23 359	61 752	1 106

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		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
NEW YORK—Con.													
332	Fabricated metal product manufacturing—Con.												
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	84	6	646	24 056	509	968	15 428	54 520	21 155	75 687	4 285
3328	Coating, engraving, heat treating, and allied activities	3	60	12	723	22 151	570	1 067	14 164	40 647	13 744	54 306	1 877
33281	Coating, engraving, heat treating, and allied activities ..	3	60	12	723	22 151	570	1 067	14 164	40 647	13 744	54 306	1 877
332813	Electroplating, plating, polishing, anodizing, and coloring	4	44	7	518	14 272	418	795	9 873	27 221	7 775	34 973	549
3329	Other fabricated metal product manufacturing	5	66	14	766	28 001	545	1 035	16 512	63 746	46 526	111 444	2 929
33299	All other fabricated metal product manufacturing	5	55	11	639	22 931	462	871	14 001	50 935	33 465	85 520	2 529
333	Machinery manufacturing	5	'166	'35	'2 871	'117 464	'1 957	'3 698	'61 667	'253 229	'171 987	'423 843	'8 663
3332	Industrial machinery manufacturing	8	47	5	564	22 882	360	698	10 877	46 140	31 357	77 639	1 556
3339	Other general purpose machinery manufacturing	1	'45	'16	'1 146	'52 788	'748	'1 488	'25 932	'106 847	'64 416	'172 719	'2 550
33392	Material handling equipment manufacturing	1	19	8	691	33 433	495	1 035	17 675	75 092	40 428	112 249	1 746
333921	Elevator and moving stairway manufacturing	1	12	6	599	27 629	442	919	14 841	61 325	36 591	97 759	1 634
334	Computer and electronic product manufacturing	4	148	34	3 183	135 952	1 707	3 212	50 560	298 527	274 590	575 510	14 667
3344	Semiconductor and other electronic component manufacturing	2	24	8	1 129	44 663	535	1 071	12 210	66 110	78 872	149 755	2 410
33441	Semiconductor and other electronic component manufacturing	2	24	8	1 129	44 663	535	1 071	12 210	66 110	78 872	149 755	2 410
334419	Other electronic component manufacturing	1	10	5	915	38 081	409	806	8 882	55 856	66 962	127 660	2 017
3346	Manufacturing and reproducing magnetic and optical media.....	3	53	15	1 188	48 770	781	1 481	26 383	128 380	82 156	209 978	8 186
33461	Manufacturing and reproducing magnetic and optical media...	3	53	15	1 188	48 770	781	1 481	26 383	128 380	82 156	209 978	8 186
334612	Prerecorded compact disc (except software), tape, and record reproducing	3	43	10	876	36 262	538	1 061	17 754	87 823	42 603	130 747	D
335	Electrical equipment, appliance, and component manufacturing.....	3	'74	'29	'3 568	'131 700	'2 521	'4 298	'75 459	'395 035	'301 308	'691 402	'11 323
3351	Electric lighting equipment manufacturing	2	47	17	1 466	57 680	969	1 814	29 638	168 607	96 134	260 375	D
33512	Lighting fixture manufacturing..	1	46	16	g	D	D	D	D	D	D	D	3 880
335121	Residential electric lighting fixture manufacturing	1	31	8	637	27 112	368	767	12 053	83 862	50 509	130 809	3 218
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	2	12	6	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing.....	2	12	6	1 606	56 046	1 202	1 832	35 814	128 597	116 039	244 455	2 561
33593	Wiring device manufacturing...	1	4	2	g	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	2	69	18	2 385	107 141	1 537	3 106	48 717	188 532	166 386	363 818	22 034
3363	Motor vehicle parts manufacturing	1	42	8	1 127	52 086	601	1 182	18 317	74 809	89 733	179 478	2 893
33632	Motor vehicle electrical and electronic equipment manufacturing	1	12	1	f	D	D	D	D	D	D	D	456
336322	Other motor vehicle electrical and electronic equipment manufacturing	1	10	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	3	9	6	846	37 189	593	1 143	17 211	85 770	51 856	131 593	18 738
33641	Aerospace product and parts manufacturing	3	9	6	846	37 189	593	1 143	17 211	85 770	51 856	131 593	18 738

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NEW YORK—Con.													
337	Furniture and related product manufacturing	4	537	95	7 433	225 420	5 730	11 136	148 446	473 577	374 830	847 542	13 525
3371	Household and institutional furniture and kitchen cabinet manufacturing	5	382	52	4 476	117 401	3 658	7 052	85 202	243 394	210 215	453 043	7 991
33711	Wood kitchen cabinet and countertop manufacturing	4	144	9	1 048	28 973	812	1 468	19 281	61 730	31 083	92 216	1 832
337110	Wood kitchen cabinet and countertop manufacturing ..	4	144	9	1 048	28 973	812	1 468	19 281	61 730	31 083	92 216	1 832
33712	Household and institutional furniture manufacturing	5	238	43	3 428	88 428	2 846	5 584	65 921	181 664	179 132	360 827	6 159
337121	Upholstered household furniture manufacturing	6	62	14	1 065	29 126	877	1 716	21 052	65 422	81 402	146 431	2 296
337122	Nonupholstered wood household furniture manufacturing	5	136	23	1 869	44 344	1 578	3 067	35 016	87 143	72 423	159 448	2 670
3372	Office furniture (including fixtures) manufacturing	4	115	33	2 118	83 860	1 481	2 951	48 802	167 971	102 818	270 129	3 232
33721	Office furniture (including fixtures) manufacturing	4	115	33	2 118	83 860	1 481	2 951	48 802	167 971	102 818	270 129	3 232
337212	Custom architectural woodwork and millwork manufacturing	2	40	9	729	35 923	471	984	20 512	59 979	39 772	99 550	1 453
337215	Showcase, partition, shelving, and locker manufacturing	4	56	19	1 052	35 130	743	1 414	19 339	79 431	49 831	129 294	1 327
3379	Other furniture related product manufacturing	4	40	10	839	24 159	591	1 133	14 442	62 212	61 797	124 370	2 302
33792	Blind and shade manufacturing	4	29	8	735	21 367	502	964	12 501	51 676	52 903	104 939	1 991
337920	Blind and shade manufacturing	4	29	8	735	21 367	502	964	12 501	51 676	52 903	104 939	1 991
339	Miscellaneous manufacturing	3	1 229	234	20 651	660 177	14 073	26 550	343 008	1 545 066	2 090 967	3 635 604	48 317
3391	Medical equipment and supplies manufacturing	5	222	21	1 860	65 789	1 245	2 415	34 516	156 255	67 876	223 481	5 423
33911	Medical equipment and supplies manufacturing	5	222	21	1 860	65 789	1 245	2 415	34 516	156 255	67 876	223 481	5 423
339116	Dental laboratories	6	161	7	851	25 001	624	1 223	17 681	46 948	13 066	60 167	1 413
3399	Other miscellaneous manufacturing	3	1 007	213	18 791	594 388	12 828	24 135	308 492	1 388 811	2 023 091	3 412 123	42 894
33991	Jewelry and silverware manufacturing	2	605	111	10 555	347 019	6 895	12 589	169 178	880 174	1 649 618	2 527 528	21 420
339911	Jewelry (except costume) manufacturing	2	444	82	7 998	278 829	5 282	9 671	136 910	683 351	1 281 734	1 957 182	16 794
339913	Jewelers' material and lapidary work manufacturing	2	78	13	1 616	39 862	994	1 781	20 580	119 602	320 222	445 047	3 354
339914	Costume jewelry and novelty manufacturing	2	74	13	800	23 488	518	948	9 095	68 343	42 138	110 954	D
33995	Sign manufacturing	3	130	32	2 625	87 667	1 793	3 735	46 482	175 969	112 384	284 472	6 639
339950	Sign manufacturing	3	130	32	2 625	87 667	1 793	3 735	46 482	175 969	112 384	284 472	6 639
33999	All other miscellaneous manufacturing	4	221	56	4 685	132 353	3 565	6 628	79 120	262 381	201 458	467 896	13 451
339992	Musical instrument manufacturing	—	22	4	829	32 579	666	1 270	22 359	67 616	23 487	90 261	D
339999	All other miscellaneous manufacturing	5	166	41	3 050	78 376	2 261	4 116	44 033	152 169	138 236	295 008	9 980
NEW YORK MILLS													
31-33	Manufacturing	1	10	5	512	15 585	400	813	9 860	35 443	35 107	70 823	D
NIAGARA FALLS													
31-33	Manufacturing	—	57	21	2 457	123 999	1 590	3 374	79 417	376 215	315 609	667 755	27 009
325	Chemical manufacturing	—	12	8	1 194	73 603	782	1 720	46 475	207 956	160 406	379 259	16 979
3251	Basic chemical manufacturing ...	—	8	6	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	—	4	3	846	54 871	594	1 338	37 994	145 121	95 347	251 054	D
NORTH CASTLE													
31-33	Manufacturing	5	19	8	635	31 707	365	755	14 063	79 285	75 406	155 483	5 031

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
NORTH HEMPSTEAD (BALANCE)													
31-33	Manufacturing	2	171	52	5 088	203 494	3 093	6 077	91 334	490 272	323 505	806 478	28 051
325	Chemical manufacturing	-	10	8	1 073	50 507	417	872	12 277	106 854	63 998	166 199	2 982
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
332	Fabricated metal product manufacturing	6	28	11	737	28 659	557	1 076	18 215	68 432	44 833	111 796	13 218
333	Machinery manufacturing	-	13	8	939	42 311	451	839	15 806	101 321	35 663	138 249	D
3339	Other general purpose machinery manufacturing	-	6	5	817	37 712	361	670	12 837	95 394	31 166	127 802	D
339	Miscellaneous manufacturing	-	21	6	693	22 011	526	1 049	13 070	45 463	36 655	81 595	1 965
3399	Other miscellaneous manufacturing	-	14	6	674	21 342	514	1 031	12 750	44 439	36 207	80 096	1 943
NORTH TONAWANDA													
31-33	Manufacturing	-	57	21	1 688	63 645	1 213	2 488	40 036	154 372	140 581	291 937	5 685
333	Machinery manufacturing	-	9	6	522	20 291	359	775	12 365	60 591	60 415	119 415	2 787
OGDEN (BALANCE)													
31-33	Manufacturing	1	26	11	857	33 018	516	1 097	15 152	53 586	37 530	92 507	2 669
OLEAN													
31-33	Manufacturing	-	20	8	2 845	126 478	1 860	3 709	79 122	304 621	214 954	484 715	26 427
332	Fabricated metal product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
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	-	1	1	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
ORANGETOWN (BALANCE)													
31-33	Manufacturing	-	75	28	5 027	232 640	2 936	6 514	105 003	669 224	447 813	1 069 610	90 237
325	Chemical manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	7	5	585	21 565	434	891	11 614	66 079	44 705	110 308	4 051
3261	Plastics product manufacturing	-	6	5	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
339	Miscellaneous manufacturing	-	12	4	773	25 308	510	1 145	13 652	50 878	37 235	87 127	D
3391	Medical equipment and supplies manufacturing	-	5	4	728	23 893	479	1 088	12 939	48 170	34 329	81 390	D
33911	Medical equipment and supplies manufacturing	-	5	4	728	23 893	479	1 088	12 939	48 170	34 329	81 390	D
339113	Surgical appliance and supplies manufacturing	-	2	2	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]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ORCHARD PARK TOWN (BALANCE)													
31-33	Manufacturing	-	43	18	2 114	84 206	1 385	2 644	45 496	238 595	139 312	378 807	13 537
334	Computer and electronic product manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
OSSINING													
31-33	Manufacturing	7	14	6	603	21 671	337	708	10 248	54 521	20 894	75 498	1 786
OWEGO TOWN (BALANCE)													
31-33	Manufacturing	-	13	5	g	D	D	D	D	D	D	D	911
334	Computer and electronic product manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
OYSTER BAY (BALANCE)													
31-33	Manufacturing	1	343	86	11 142	485 471	5 867	11 202	173 862	1 650 996	970 735	2 632 917	65 161
311	Food manufacturing	-	28	4	638	20 555	308	470	6 266	67 718	35 223	102 915	1 874
323	Printing and related support activities	1	70	9	1 015	41 276	744	1 380	26 774	83 179	55 750	139 127	8 410
3231	Printing and related support activities	1	70	9	1 015	41 276	744	1 380	26 774	83 179	55 750	139 127	8 410
32311	Printing	1	64	9	979	39 525	718	1 331	25 658	80 280	55 109	135 587	D
323110	Commercial lithographic printing	1	35	8	814	33 886	615	1 133	22 247	68 229	49 607	118 013	6 203
325	Chemical manufacturing	2	10	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	12	4	527	15 282	377	730	8 989	36 934	30 345	66 831	D
3261	Plastics product manufacturing ..	2	11	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	45	11	765	30 485	574	1 216	18 656	48 292	45 259	93 780	1 793
333	Machinery manufacturing	-	19	10	1 012	54 695	442	875	15 523	97 889	76 525	181 359	6 424
334	Computer and electronic product manufacturing	-	27	16	3 149	157 713	1 171	2 259	35 648	507 883	285 638	794 466	14 039
3342	Communications equipment manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	-	3	1	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	7	5	508	27 253	269	507	9 099	49 872	26 077	76 543	D
33441	Semiconductor and other electronic component manufacturing	-	7	5	508	27 253	269	507	9 099	49 872	26 077	76 543	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	11	6	1 192	63 520	376	721	9 312	176 904	52 869	232 885	5 944
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	11	6	1 192	63 520	376	721	9 312	176 904	52 869	232 885	5 944
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	1	4	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	49	10	700	25 757	436	879	11 909	58 300	45 832	100 107	5 531
PALMYRA													
31-33	Manufacturing	-	7	3	577	26 045	403	873	14 214	58 394	41 980	100 247	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PELHAM													
31-33	Manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
PENFIELD													
31-33	Manufacturing	1	11	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
32616	Plastics bottle manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PERINTON (BALANCE)													
31-33	Manufacturing	1	39	20	2 234	98 407	1 372	2 644	49 662	263 414	151 622	396 327	8 945
334	Computer and electronic product manufacturing	-	7	5	552	27 309	200	259	7 197	114 759	56 351	149 282	1 780
339	Miscellaneous manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PITTSFORD													
31-33	Manufacturing	-	28	7	814	37 302	485	1 046	17 050	107 204	95 201	202 640	3 459
332	Fabricated metal product manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
PLATTSBURGH CITY													
31-33	Manufacturing	3	50	16	2 185	69 474	1 809	3 620	49 473	208 586	176 624	383 268	6 961
322	Paper manufacturing	-	4	2	f	D	D	D	D	D	D	D	2 085
326	Plastics and rubber products manufacturing	7	6	5	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	7	6	5	f	D	D	D	D	D	D	D	D
PORT CHESTER													
31-33	Manufacturing	3	33	11	899	30 138	727	1 511	20 473	76 294	49 372	125 142	4 560
PORT JERVIS													
31-33	Manufacturing	7	16	6	676	19 493	523	886	11 906	78 693	42 744	121 516	D
POUGHKEEPSIE CITY													
31-33	Manufacturing	-	45	18	i	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	3	2	i	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	i	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	i	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
POUGHKEEPSIE TOWN (BALANCE)													
31-33	Manufacturing	1	32	10	675	21 565	497	760	12 530	38 427	36 255	81 220	3 850
QUEENSBURY													
31-33	Manufacturing	2	34	11	g	D	D	D	D	D	D	D	6 554
339	Miscellaneous manufacturing	-	7	3	911	31 970	632	1 287	14 933	59 948	30 165	87 305	D
3391	Medical equipment and supplies manufacturing	-	5	3	f	D	D	D	D	D	D	D	4 982
33911	Medical equipment and supplies manufacturing	-	5	3	f	D	D	D	D	D	D	D	4 982
339112	Surgical and medical instrument manufacturing ..	-	3	3	f	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	E1	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
RAMAPO (BALANCE)													
31-33	Manufacturing	-	20	2	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
RIVERHEAD													
31-33	Manufacturing	3	46	10	805	36 252	584	1 213	21 934	98 127	65 163	162 612	4 941
ROCHESTER													
31-33	Manufacturing	r-	479	149	36 282	1 869 911	21 076	42 882	884 107	'6 561 976	4 124 945	'10 889 737	293 230
311	Food manufacturing	4	32	11	763	25 646	478	923	14 651	71 233	111 236	182 142	2 617
312	Beverage and tobacco product manufacturing	4	6	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	4	6	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	13	6	657	25 644	484	1 021	16 121	54 495	88 460	144 043	D
3222	Converted paper product manufacturing	-	12	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	79	15	1 456	52 343	1 023	2 068	30 491	110 424	57 586	168 281	7 432
3231	Printing and related support activities	1	79	15	1 456	52 343	1 023	2 068	30 491	110 424	57 586	168 281	7 432
32311	Printing	1	65	11	1 187	44 668	810	1 604	25 493	97 330	52 989	150 479	6 928
323110	Commercial lithographic printing	-	37	9	921	36 422	599	1 220	19 347	80 796	46 296	127 245	6 295
325	Chemical manufacturing	r-	15	8	j	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	r-	7	4	j	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	r-	5	3	j	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing	r-	3	2	j	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	3	17	8	889	23 752	738	1 211	16 659	51 072	34 752	86 213	D
3261	Plastics product manufacturing ..	3	17	8	889	23 752	738	1 211	16 659	51 072	34 752	86 213	D
32619	Other plastics product manufacturing	3	14	6	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	3	13	6	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	114	29	2 566	96 498	1 805	3 490	58 024	218 571	121 821	339 949	9 173
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	58	14	1 191	44 111	913	1 784	28 856	92 591	47 295	139 222	6 178
33271	Machine shops	4	39	5	522	19 978	363	676	11 018	46 152	17 320	62 802	2 816
332710	Machine shops	4	39	5	522	19 978	363	676	11 018	46 152	17 320	62 802	2 816
33272	Turned product and screw, nut, and bolt manufacturing	1	19	9	669	24 133	550	1 108	17 838	46 439	29 975	76 420	3 362
332721	Precision turned product manufacturing	-	18	9	f	D	D	D	D	D	D	D	D

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ROCHESTER—Con.													
333	Machinery manufacturing	2	76	32	3 656	160 552	2 041	4 106	75 047	273 905	210 879	493 681	9 323
3332	Industrial machinery manufacturing	6	8	5	767	41 019	294	647	14 455	104 233	51 653	155 999	2 083
33329	Other industrial machinery manufacturing	6	7	5	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	8	4	3	578	30 887	206	455	9 135	85 591	35 078	120 441	D
3335	Metalworking machinery manufacturing	1	47	14	2 184	92 697	1 287	2 516	47 955	118 036	127 328	249 943	4 626
33351	Metalworking machinery manufacturing	1	47	14	2 184	92 697	1 287	2 516	47 955	118 036	127 328	249 943	4 626
333512	Machine tool (metal cutting types) manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
333518	Other metalworking machinery manufacturing ..	-	7	3	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	19	9	1 983	82 257	1 245	2 495	44 407	213 443	170 836	388 158	5 004
3342	Communications equipment manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	4	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	6	4	h	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	40	12	1 210	35 479	887	1 869	22 971	128 820	60 943	192 813	6 644
3391	Medical equipment and supplies manufacturing	-	16	7	577	19 592	392	831	12 586	101 682	10 803	113 030	1 414
33911	Medical equipment and supplies manufacturing	-	16	7	577	19 592	392	831	12 586	101 682	10 803	113 030	1 414
3399	Other miscellaneous manufacturing	-	24	5	633	15 887	495	1 038	10 385	27 138	50 140	79 783	5 230
ROME													
31-33	Manufacturing	1	47	14	2 035	75 547	1 458	2 835	46 480	194 600	270 232	467 667	9 752
331	Primary metal manufacturing	1	4	4	873	36 446	679	1 325	24 898	87 626	147 395	234 088	D
3314	Nonferrous metal (except aluminum) production and processing	2	3	3	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	2	3	3	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
ROTTERDAM													
31-33	Manufacturing	-	20	6	956	55 106	486	956	23 225	93 759	97 658	201 419	18 743
SALINA (BALANCE)													
31-33	Manufacturing	2	55	21	2 731	74 557	1 596	2 942	43 058	141 949	133 748	275 056	9 323
311	Food manufacturing	9	3	3	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	9	1	1	f	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SARATOGA SPRINGS													
31-33	Manufacturing	-	26	11	1 708	64 007	1 379	2 908	48 607	240 997	196 928	439 856	17 551
323	Printing and related support activities	-	3	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	3	1	f	D	D	D	D	D	D	D	D
32311	Printing	-	3	1	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	-	2	1	f	D	D	D	D	D	D	D	D
SAUGERTIES TOWN (BALANCE)													
31-33	Manufacturing	1	21	7	775	29 900	583	1 098	19 189	67 556	67 101	136 478	2 558
SCHENECTADY													
31-33	Manufacturing	-	56	15	h	D	D	D	D	D	D	D	47 845
333	Machinery manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
SENECA FALLS													
31-33	Manufacturing	-	8	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	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
333911	Pump and pumping equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
SHERRILL													
31-33	Manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33991	Jewelry and silverware manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
339912	Silverware and hollowware manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
SIDNEY													
31-33	Manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	1	1	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	-	1	1	g	D	D	D	D	D	D	D	D
32311	Printing	-	1	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
334	Computer and electronic product manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing	-	1	1	g	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SMITHTOWN													
31-33	Manufacturing	2	227	102	10 440	437 474	6 595	12 633	206 378	1 020 206	898 553	1 941 254	54 681
323	Printing and related support activities	3	32	9	534	20 765	387	715	14 435	41 659	31 784	73 496	2 948
3231	Printing and related support activities	3	32	9	534	20 765	387	715	14 435	41 659	31 784	73 496	2 948
32311	Printing	3	30	9	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	2	17	15	g	D	D	D	D	D	D	D	10 375
3254	Pharmaceutical and medicine manufacturing	2	12	10	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	2	12	10	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	2	8	7	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	20	7	1 034	38 793	756	1 444	24 061	84 091	21 880	111 172	2 407
3329	Other fabricated metal product manufacturing	—	2	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
332912	Fluid power valve and hose fitting manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	20	13	1 008	40 486	632	1 218	17 894	82 638	109 710	193 618	16 406
334	Computer and electronic product manufacturing	3	36	19	3 114	163 202	1 616	3 113	61 657	300 457	309 887	620 067	14 002
3342	Communications equipment manufacturing	4	10	7	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	4	9	7	1 122	56 439	648	1 269	22 024	83 189	185 210	274 404	5 382
334220	Radio and television broadcasting and wireless communications equipment manufacturing	4	9	7	1 122	56 439	648	1 269	22 024	83 189	185 210	274 404	5 382
3344	Semiconductor and other electronic component manufacturing	4	11	6	f	D	D	D	D	D	D	D	5 558
33441	Semiconductor and other electronic component manufacturing	4	11	6	f	D	D	D	D	D	D	D	5 558
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	12	5	1 149	65 981	481	887	20 962	115 670	52 334	166 460	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	12	5	1 149	65 981	481	887	20 962	115 670	52 334	166 460	D
334519	Other measuring and controlling device manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	11	5	547	22 142	430	896	14 483	50 956	60 171	111 587	757
339	Miscellaneous manufacturing	2	25	9	760	27 583	515	948	12 457	56 661	52 579	108 614	2 720
SOUTHEAST													
31-33	Manufacturing	4	32	12	1 123	48 031	754	1 567	26 240	143 868	94 255	228 623	9 905
SOUTH GLENS FALLS													
31-33	Manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
SYRACUSE													
31-33	Manufacturing	—	161	52	6 659	265 040	4 231	7 923	134 144	806 040	660 988	1 469 916	21 286
323	Printing and related support activities	—	33	8	532	16 773	364	632	9 851	32 433	24 221	56 680	1 462
3231	Printing and related support activities	—	33	8	532	16 773	364	632	9 851	32 433	24 221	56 680	1 462
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
332	Fabricated metal product manufacturing	1	21	9	806	29 693	591	1 139	17 927	67 648	32 550	96 882	1 329

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SYRACUSE—Con.													
333	Machinery manufacturing	—	10	4	g	D	D	D	D	D	D	D	3 576
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	2	g	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	g	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	11	5	598	16 490	476	949	9 234	31 109	34 676	66 407	1 089
3342	Communications equipment manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	4	2	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
335932	Noncurrent-carrying wiring device manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
TONAWANDA CITY													
31-33	Manufacturing	—	41	17	4 801	307 031	3 983	8 072	256 078	644 823	1 862 760	2 506 956	D
336	Transportation equipment manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
TONAWANDA TOWN (BALANCE)													
31-33	Manufacturing	—	77	34	5 211	238 170	4 018	7 930	170 750	756 905	459 279	1 219 363	36 967
326	Plastics and rubber products manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	5	4	661	25 189	552	1 165	18 649	85 939	38 880	125 292	7 073
3279	Other nonmetallic mineral product manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
32791	Abrasive product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	11	8	721	30 144	487	825	17 332	74 959	57 952	135 412	2 946
336	Transportation equipment manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
TROY													
31-33	Manufacturing	5	36	13	819	27 049	521	1 008	14 470	58 719	70 976	127 628	1 954

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
UNION (BALANCE)													
31-33	Manufacturing	-	28	13	2 354	112 820	1 041	2 321	42 641	281 899	92 375	374 211	8 670
334	Computer and electronic product manufacturing	-	7	4	g	D	D	D	D	D	D	D	7 583
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	3	2	g	D	D	D	D	D	D	D	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
UTICA													
31-33	Manufacturing	6	95	31	4 106	134 761	2 880	5 570	73 914	388 316	343 514	734 269	17 786
339	Miscellaneous manufacturing	9	11	4	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	9	8	3	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	9	8	3	g	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	9	2	1	g	D	D	D	D	D	D	D	D
WALKILL													
31-33	Manufacturing	1	26	8	705	31 015	513	1 035	21 005	91 426	87 336	183 944	10 985
WATERTOWN													
31-33	Manufacturing	3	31	8	1 061	42 537	605	1 125	20 165	94 536	98 846	193 517	D
WATERVLIET													
31-33	Manufacturing	2	14	3	611	27 185	404	844	15 030	66 056	27 922	88 669	D
WEBSTER VILLAGE													
31-33	Manufacturing	-	11	3	g	D	D	D	D	D	D	D	343
334	Computer and electronic product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
WEBSTER TOWN (BALANCE)													
31-33	Manufacturing	4	21	7	568	19 248	418	852	12 971	37 155	28 366	65 838	1 357
WELLSVILLE													
31-33	Manufacturing	-	10	4	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33241	Power boiler and heat exchanger manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	-	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
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
WESTBURY													
31-33	Manufacturing	2	23	8	592	24 966	350	653	10 172	66 494	33 590	99 107	D
WEST SENECA													
31-33	Manufacturing	3	36	10	1 020	37 438	732	1 335	23 887	73 702	67 412	142 434	5 425
WHEATFIELD													
31-33	Manufacturing	1	34	18	g	D	D	D	D	D	D	D	5 257

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
WHITESTOWN (BALANCE)													
31-33	Manufacturing	1	18	7	1 942	41 648	1 320	2 550	25 205	101 856	154 214	236 242	4 909
336	Transportation equipment manufacturing	—	2	2	g	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
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
YONKERS													
31-33	Manufacturing	3	125	29	3 536	140 024	2 623	5 416	82 130	442 091	640 300	1 187 818	17 379
326	Plastics and rubber products manufacturing	6	7	5	936	33 037	752	1 481	19 655	69 433	61 015	129 474	6 536
3261	Plastics product manufacturing ..	6	7	5	936	33 037	752	1 481	19 655	69 433	61 015	129 474	6 536
32619	Other plastics product manufacturing	9	5	3	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	9	4	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	18	5	831	28 052	645	1 331	17 878	68 943	47 307	117 190	3 642
BALANCE OF ALBANY COUNTY													
31-33	Manufacturing	1	29	9	637	30 679	415	838	15 594	88 651	59 300	148 678	5 427
BALANCE OF ALLEGANY COUNTY													
31-33	Manufacturing	—	41	11	g	D	D	D	D	D	D	D	D
311	Food manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
BALANCE OF BROOME COUNTY													
31-33	Manufacturing	3	61	24	3 515	112 255	2 796	5 350	77 052	260 021	277 755	538 395	17 621
332	Fabricated metal product manufacturing	9	11	4	803	31 436	650	1 259	24 485	72 351	102 728	174 522	D
335	Electrical equipment, appliance, and component manufacturing	1	4	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF CATTARAUGUS COUNTY													
31-33	Manufacturing	2	66	24	1 798	59 531	1 399	2 839	40 400	178 545	130 848	311 355	5 694
321	Wood product manufacturing	2	18	7	f	D	D	D	D	D	D	D	D
BALANCE OF CAYUGA COUNTY													
31-33	Manufacturing	1	41	6	911	33 481	761	1 487	25 101	103 159	64 069	174 658	5 313

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF CHAUTAUQUA COUNTY													
31-33	Manufacturing	-	90	26	5 677	193 989	4 437	7 364	122 420	854 491	768 629	1 618 291	39 140
333	Machinery manufacturing	-	10	3	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
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
BALANCE OF CHEMUNG COUNTY													
31-33	Manufacturing	-	33	13	1 350	58 251	948	1 854	35 920	140 443	120 486	259 360	24 753
327	Nonmetallic mineral product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF CHENANGO COUNTY													
31-33	Manufacturing	-	65	21	2 451	88 873	1 640	3 231	47 728	647 803	192 328	827 400	18 260
333	Machinery manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF CLINTON COUNTY													
31-33	Manufacturing	-	37	8	2 054	84 098	1 813	3 500	71 979	143 684	270 128	416 504	D
325	Chemical manufacturing	-	4	3	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
325412	Pharmaceutical preparation manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF COLUMBIA COUNTY													
31-33	Manufacturing	1	59	13	1 141	41 282	829	1 707	24 263	99 197	120 675	220 728	D
BALANCE OF CORTLAND COUNTY													
31-33	Manufacturing	4	33	17	1 464	47 538	1 198	2 283	35 294	132 017	164 057	287 516	D
BALANCE OF DELAWARE COUNTY													
31-33	Manufacturing	1	42	18	1 591	52 124	1 136	2 136	33 603	281 059	192 571	472 900	17 247
BALANCE OF DUTCHESS COUNTY													
31-33	Manufacturing	1	60	12	g	D	D	D	D	D	D	D	12 211

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF ERIE COUNTY													
31-33	Manufacturing	3	82	20	1 460	53 744	991	2 011	30 276	124 582	143 340	268 666	7 378
BALANCE OF ESSEX COUNTY													
31-33	Manufacturing	-	27	4	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	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
BALANCE OF GENESEE COUNTY													
31-33	Manufacturing	2	40	17	1 145	39 425	832	1 786	26 338	100 306	158 416	257 557	D
BALANCE OF GREENE COUNTY													
31-33	Manufacturing	1	30	7	756	28 792	579	1 077	19 937	80 263	45 255	124 885	2 534
BALANCE OF HERKIMER COUNTY													
31-33	Manufacturing	-	31	9	987	22 804	785	1 583	14 164	151 644	84 273	233 125	8 829
BALANCE OF JEFFERSON COUNTY													
31-33	Manufacturing	2	47	15	1 707	61 985	1 359	2 580	42 699	159 424	221 556	381 202	D
BALANCE OF LIVINGSTON COUNTY													
31-33	Manufacturing	-	44	14	1 101	36 454	763	1 526	22 129	101 891	71 745	173 060	10 032
BALANCE OF MADISON COUNTY													
31-33	Manufacturing	-	31	9	1 045	34 641	753	1 533	20 783	92 283	107 392	202 289	5 466
BALANCE OF MONROE COUNTY													
31-33	Manufacturing	6	44	8	676	22 660	432	851	11 768	47 620	86 200	135 407	1 742
BALANCE OF MONTGOMERY COUNTY													
31-33	Manufacturing	3	37	18	2 344	74 008	1 697	3 632	44 741	266 765	186 778	454 025	10 966
323	Printing and related support activities	9	2	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	9	2	1	f	D	D	D	D	D	D	D	D
32311	Printing	9	2	1	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	9	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF NIAGARA COUNTY													
31-33	Manufacturing	2	74	19	1 695	65 474	1 202	2 403	38 391	195 485	250 471	440 897	8 616
BALANCE OF ONEIDA COUNTY													
31-33	Manufacturing	-	71	17	2 619	84 520	2 101	4 056	58 483	205 941	222 880	428 103	9 078
337	Furniture and related product manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	4	2	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 ¹	All establishments ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF ONONDAGA COUNTY													
31-33	Manufacturing	-	34	8	1 757	87 344	1 010	2 074	35 528	313 717	160 957	472 120	28 899
339	Miscellaneous manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	2	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
BALANCE OF ONTARIO COUNTY													
31-33	Manufacturing	4	121	53	5 225	188 268	3 415	6 155	91 273	534 712	389 786	924 079	21 341
326	Plastics and rubber products manufacturing	8	9	7	1 200	36 728	909	1 492	20 798	204 683	120 134	325 168	4 979
3261	Plastics product manufacturing ..	8	8	6	g	D	D	D	D	D	D	D	4 979
32614	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	35	15	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	8	4	552	19 635	402	825	11 746	56 765	40 965	97 754	D
333	Machinery manufacturing	2	15	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	1	12	8	f	D	D	D	D	D	D	D	D
BALANCE OF ORANGE COUNTY													
31-33	Manufacturing	1	76	16	1 127	48 019	759	1 574	25 848	125 368	108 804	232 719	8 242
BALANCE OF ORLEANS COUNTY													
31-33	Manufacturing	-	24	10	760	24 627	610	1 154	16 968	81 860	74 635	155 128	3 793
BALANCE OF OSWEGO COUNTY													
31-33	Manufacturing	-	62	14	2 146	105 879	1 564	3 358	68 228	334 612	1 276 021	1 601 303	15 528
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
BALANCE OF OTSEGO COUNTY													
31-33	Manufacturing	2	62	11	f	D	D	D	D	D	D	D	D
BALANCE OF RENSSELAER COUNTY													
31-33	Manufacturing	3	31	12	1 018	34 325	797	1 497	23 089	73 582	67 677	140 674	5 512
326	Plastics and rubber products manufacturing	4	5	3	500	16 344	407	682	10 969	27 473	33 043	60 371	D
3261	Plastics product manufacturing ..	4	5	3	500	16 344	407	682	10 969	27 473	33 043	60 371	D
BALANCE OF ST. LAWRENCE COUNTY													
31-33	Manufacturing	-	42	12	2 475	118 669	1 894	4 004	83 931	636 132	403 875	1 061 340	48 177
331	Primary metal manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	3	3	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	3	3	g	D	D	D	D	D	D	D	D
331312	Primary aluminum production	-	2	2	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

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 ²		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 ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF SARATOGA COUNTY													
31-33	Manufacturing	1	36	12	2 215	128 015	1 583	3 137	79 399	323 064	311 436	638 963	35 560
322	Paper manufacturing	4	3	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	4	2	2	f	D	D	D	D	D	D	D	D
32212	Paper mills	4	2	2	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	4	2	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	1	1	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF SENECA COUNTY													
31-33	Manufacturing	2	26	6	f	D	D	D	D	D	D	D	D
BALANCE OF STEUBEN COUNTY													
31-33	Manufacturing	-	59	17	4 600	172 832	3 307	6 460	101 584	519 653	346 737	919 040	D
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	4	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
327113	Porcelain electrical supply manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	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
335	Electrical equipment, appliance, and component manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33511	Electric lamp bulb and part manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335110	Electric lamp bulb and part manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	5	3	820	25 754	653	1 036	17 444	46 731	25 546	72 652	D
3372	Office furniture (including fixtures) manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF ULSTER COUNTY													
31-33	Manufacturing	1	98	20	2 057	71 536	1 426	2 505	41 560	175 641	114 048	291 360	9 254
BALANCE OF WASHINGTON COUNTY													
31-33	Manufacturing	-	75	24	1 998	64 914	1 567	3 169	43 790	180 922	170 585	345 070	11 752
339	Miscellaneous manufacturing	-	11	7	f	D	D	D	D	D	D	D	3 801
3391	Medical equipment and supplies manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	-	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	All establishments ²			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 ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF WAYNE COUNTY													
31-33	Manufacturing	4	114	33	5 128	161 795	3 843	7 512	95 910	759 238	577 019	1 325 493	29 593
311	Food manufacturing	6	15	7	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	7	8	5	715	17 416	622	1 367	14 438	425 409	267 360	692 752	D
31142	Fruit and vegetable canning, pickling, and drying	9	5	3	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	9	5	3	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	8	4	g	D	D	D	D	D	D	D	3 411
3399	Other miscellaneous manufacturing	—	8	4	g	D	D	D	D	D	D	D	3 411
33999	All other miscellaneous manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
BALANCE OF WYOMING COUNTY													
31-33	Manufacturing	—	45	15	1 574	47 159	1 236	2 339	33 310	152 633	123 882	277 694	D

¹Some 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.

²Includes establishments with payroll at any time during the year.

³Industries 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.

⁴Number 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
NEW YORK	
Companies ¹	N
All establishments ²	'21 066
Establishments with 1 to 19 employees	'15 640
Establishments with 20 to 99 employees	'4 161
Establishments with 100 employees or more	'1 265
All employees ³	'641 434
Total compensation	\$1,000.. '31 509 313
Annual payroll	\$1,000.. '25 373 757
Total fringe benefits	\$1,000.. '6 135 556
Production workers, average for year	'428 589
Production workers on March 12	'429 245
Production workers on May 12	'429 498
Production workers on August 12	'430 036
Production workers on November 12	'424 695
Production worker hours	'834 656
Production worker wages	\$1,000.. '13 555 971
Total cost of materials	\$1,000.. '63 406 396
Materials, parts, containers, packaging, etc., used	\$1,000.. '51 719 924
Resales	\$1,000.. '6 954 626
Purchased fuels	\$1,000.. '824 194
Purchased electricity	\$1,000.. '1 363 175
Contract work	\$1,000.. '2 544 477
Quantity of electricity purchased for heat and power	1,000 kWh.. '20 994 914
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 1 206 054
Total value of shipments	\$1,000.. '147 317 463
Value of resales	\$1,000.. '9 588 525
Value added	\$1,000.. '83 874 558
Total inventories, beginning of year	\$1,000.. '17 424 076
Finished goods inventories	\$1,000.. '6 738 638
Work-in-process inventories	\$1,000.. '4 598 020
Materials and supplies inventories	\$1,000.. '6 087 418
Total inventories, end of year	\$1,000.. '17 492 589
Finished goods inventories	\$1,000.. '6 528 701
Work-in-process inventories	\$1,000.. '4 766 799
Materials and supplies inventories	\$1,000.. '6 197 089
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '57 697 359
Total capital expenditures (new and used)	\$1,000.. '4 172 544
Buildings and other structures (new and used)	\$1,000.. '725 367
Machinery and equipment (new and used)	\$1,000.. '3 447 177
Automobiles, trucks, etc., for highway use	\$1,000.. '118 874
Computers and peripheral data processing equipment	\$1,000.. '406 854
All other expenditures for machinery and equipment	\$1,000.. '2 921 449
Total retirements	\$1,000.. '2 586 473
Gross value of depreciable assets at end of year	\$1,000.. '59 283 430
Depreciation charges during year	\$1,000.. '3 654 469
Total rental payments	\$1,000.. '1 652 275
Buildings and other structures	\$1,000.. '1 023 236
Machinery and equipment	\$1,000.. '629 039

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

²Includes establishments with payroll at any time during the year.

³Number 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

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).

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.

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

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.

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.

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.

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

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;

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:

-
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).

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.

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.

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.

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.

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;

-
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.

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:

-
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.

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.

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.

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.

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.

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.

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.

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

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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.

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).

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.

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.

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.

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.

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.

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.

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.

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).

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.

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.

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.

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

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.

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.

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.

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).

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.

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.

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.

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.

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.

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.

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.

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

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.

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.

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.

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.

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.

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.

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).

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

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

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.

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).

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.

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

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).

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.

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

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

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

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/.

A more detailed examination of census methodology is presented in the *History of the Economic Census* at 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.

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

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

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.

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.

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

NEW YORK

Amherst (balance) contains all of Amherst except Williamsville (part).

Attica is in Genesee and Wyoming Counties.

Babylon town (balance) contains all of Babylon town except Amityville, Babylon village, and Lindenhurst.

Bellport is no longer tabulated separately due to a population decrease. This change adds territory to Brookhaven (balance).

Blooming Grove (balance) contains all of Blooming Grove except Washingtonville.

Brookhaven (balance) contains all of Brookhaven except Lake Grove, Patchogue, and Port Jefferson, and includes Bellport, which is no longer tabulated separately due to a population decrease.

Camden is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Oneida County.

Cheektowaga (balance) contains all of Cheektowaga except Depew (part), Sloan, and Williamsville (part).

Cicero (balance) contains all of Cicero except North Syracuse (part).

Clarkstown (balance) contains all of Clarkstown except Nyack (part) and Spring Valley (part).

Clay (balance) contains all of Clay except North Syracuse (part).

Colonie town (balance) contains all of Colonie town except Colonie village and Menands.

Corinth is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Saratoga County.

Cortlandt (balance) contains all of Cortlandt except Croton-on-Hudson.

De Witt (balance) contains all of De Witt except East Syracuse.

Eastchester (balance) contains all of Eastchester except Bronxville and Tuckahoe.

Geddes (balance) contains all of Geddes except Solvay.

Geneva is in Ontario and Seneca Counties; the part in Seneca County is all water area.

Glenville (balance) contains all of Glenville except Scotia.

Gowanda is in Cattaraugus and Erie Counties.

Greenburgh (balance) contains all of Greenburgh except Ardsley, Dobbs Ferry, Elmsford, Hastings-on-Hudson, Irvington, and Tarrytown.

Hamburg town (balance) contains all of Hamburg town except Blasdell and Hamburg village.

Haverstraw town (balance) contains all of Haverstraw town except Haverstraw village, Pomona (part), and West Haverstraw.

Hempstead town (balance) contains all of Hempstead town except Cedarhurst, East Rockaway, Floral Park (part), Freeport, Garden City (part), Hempstead village, Island Park, Lawrence, Lynbrook, Malverne, Mineola (part), New Hyde Park (part), Rockville Centre, and Valley Stream.

Honeoye Falls is now tabulated separately due to a population increase. This change deletes territory from the Balance of Monroe County.

Huntington (balance) contains all of Huntington except Lloyd Harbor and Northport.

Islip (balance) contains all of Islip except Brightwaters and Islandia.

Ithaca town (balance) contains all of Ithaca town except Cayuga Heights.

Kaser is now tabulated separately due to a population increase. This change deletes territory from Ramapo (balance).

Lake Placid is now tabulated separately due to a population increase. This change deletes territory from the Balance of Essex County.

Lake Success is now tabulated separately due to a population increase. This change deletes territory from North Hempstead (balance).

Lancaster town (balance) contains all of Lancaster town except Depew (part) and Lancaster village.

Lewiston town (balance) contains all of Lewiston town except Lewiston village.

Lysander (balance) contains all of Lysander except Baldwinsville (part).

Mamaroneck town (balance) contains all of Mamaroneck town except Larchmont and Mamaroneck village (part).

Manlius town (balance) contains all of Manlius town except Fayetteville, Manlius village, and Minoa.

Milton (balance) contains all of Milton except Ballston Spa (part).

Monroe town (balance) contains all of Monroe town except Kiryas Joel and Monroe village, and is now tabulated separately due to a population increase. This change deletes territory from the Balance of Orange County.

Moreau (balance) contains all of Moreau except South Glens Falls.

Morrisville is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Madison County.

Mount Pleasant (balance) contains all of Mount Pleasant except Briarcliff Manor (part), Pleasantville, and Sleepy Hollow.

New Hartford (balance) contains all of New Hartford except New York Mills (part).

New Windsor was previously reported as New Windsor (balance) which excluded Washingtonville (part) in 1997. Washingtonville is no longer in New Windsor due to a correction in March 1998.

New York comprises Bronx, Kings, New York, Queens, and Richmond Counties.

North Hempstead (balance) contains all of North Hempstead except East Hills (part), East Williston, Floral Park (part), Flower Hill, Garden City (part), Great Neck, Great Neck Estates, Great Neck Plaza, Kings Point, Lake Success, Manorhaven, Mineola (part), Munsey Park, New Hyde Park (part), North Hills, Old Westbury (part), Port Washington North, Roslyn, Sands Point, Thomaston, Westbury, and Williston Park. Lake Success and Roslyn are now tabulated separately due to a population increase. These changes delete territory from North Hempstead (balance).

Ogden (balance) contains all of Ogden except Spencerport.

Orangetown (balance) contains all of Orangetown except Nyack (part), Piermont, and South Nyack. Piermont is now tabulated separately due to a population increase. This change deletes territory from Orangetown (balance).

Orchard Park town (balance) contains all of Orchard Park town except Orchard Park village.

Owego town (balance) contains all of Owego town except Owego village.

Oyster Bay (balance) contains all of Oyster Bay except Bayville, Brookville, East Hills (part), Farmingdale, Massapequa Park, Muttontown, Old Westbury (part), and Sea Cliff.

Patterson is now tabulated separately due to a population increase. This change deletes territory from the Balance of Putnam County.

Perinton (balance) contains all of Perinton except Fairport.

Philipstown is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Putnam County.

Piermont is now tabulated separately due to a population increase. This change deletes territory from Orangetown (balance).

Poughkeepsie town (balance) contains all of Poughkeepsie town except Wappingers Falls (part).

Pulaski is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Oswego County.

Putnam Valley is now tabulated separately due to a population increase. This change deletes territory from the Balance of Putnam County.

Ramapo (balance) contains all of Ramapo except Airmont, Chestnut Ridge, Kaser, Montebello, New Hempstead, New Square, Pomona (part), Sloatsburg, Spring Valley (part), Suffern, and Wesley Hills. Kaser is now tabulated separately due to a population increase. This change deletes territory from Ramapo (balance).

Red Hook is now tabulated separately due to a population increase. This change deletes territory from the Balance of Dutchess County.

Roslyn is now tabulated separately due to a population increase. This change deletes territory from North Hempstead (balance).

Salina (balance) contains all of Salina except Liverpool.

Saranac Lake is in Essex and Franklin Counties.

Saugerties town (balance) contains all of Saugerties town except Saugerties village.

Shawangunk reported as Shawangunk (balance) which excluded Ellenville (part) in 1997; Ellenville is no longer in Shawangunk due to a correction in January 2000.

Southampton town (balance) contains all of Southampton town except Southampton village.

Sullivan (balance) contains all of Sullivan except Chittenango.

Tonawanda town (balance) contains all of Tonawanda town except Kenmore.

Union (balance) contains all of Union except Endicott and Johnson City.

Van Buren (balance) contains all of Van Buren except Baldwinsville.

Wappinger (balance) contains all of Wappinger except Wappingers Falls.

Warwick town (balance) contains all of Warwick town except Florida (part), Greenwood Lake, and Warwick village.

Webster town (balance) contains all of Webster town except Webster village.

Whitestown (balance) contains all of Whitestown except New York Mills, Whitesboro, and Yorkville.

Balance of Dutchess County no longer includes Red Hook, which is tabulated separately due to a population increase.

Balance of Essex County no longer includes Lake Placid, which is tabulated separately due to a population increase.

Balance of Madison County includes Morrisville, which is no longer tabulated separately due to a population decrease.

Balance of Monroe County no longer includes Honeoye Falls, which is tabulated separately due to a population increase.

Balance of Oneida County includes Camden, which is no longer tabulated separately due to a population decrease.

Balance of Orange County no longer includes Monroe town (balance), which is tabulated separately due to a population increase.

Balance of Oswego County includes Pulaski, which is no longer tabulated separately due to a population decrease.

Balance of Putnam County includes Philipstown, which is no longer tabulated separately due to a population decrease and no longer includes Patterson and Putnam Valley, which are tabulated separately due to a population increase.

Balance of Saratoga County includes Corinth, which is no longer tabulated separately due to a population decrease.

Appendix E.

Metropolitan and Micropolitan Statistical Areas

ALBANY-SCHENECTADY-AMSTERDAM, NY COMBINED STATISTICAL AREA

Albany-Schenectady-Troy, NY Metropolitan Statistical Area

Albany County, NY

Rensselaer County, NY

Saratoga County, NY

Schenectady County, NY

Schoharie County, NY

Amsterdam, NY Micropolitan Statistical Area

Montgomery County, NY

Glens Falls, NY Metropolitan Statistical Area

Warren County, NY

Washington County, NY

Gloversville, NY Micropolitan Statistical Area

Fulton County, NY

Hudson, NY Micropolitan Statistical Area

Columbia County, NY

ITHACA-CORTLAND, NY COMBINED STATISTICAL AREA

Cortland, NY Micropolitan Statistical Area

Cortland County, NY

Ithaca, NY Metropolitan Statistical Area

Tompkins County, NY

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

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

ROCHESTER-BATAVIA-SENECA FALLS, NY COMBINED STATISTICAL AREA

Batavia, NY Micropolitan Statistical Area

Genesee County, NY

Rochester, NY Metropolitan Statistical Area

Livingston County, NY

Monroe County, NY

Ontario County, NY

Orleans County, NY

Wayne County, NY

Seneca Falls, NY Micropolitan Statistical Area

Seneca County, NY

SYRACUSE-AUBURN, NY COMBINED STATISTICAL AREA

Auburn, NY Micropolitan Statistical Area

Cayuga County, NY

Syracuse, NY Metropolitan Statistical Area

Madison County, NY

Onondaga County, NY

Oswego County, NY

BINGHAMTON, NY METROPOLITAN STATISTICAL AREA

Broome County, NY

Tioga County, NY

BUFFALO-CHEEKTOWAGA-TONAWANDA, NY METROPOLITAN STATISTICAL AREA

Erie County, NY

Niagara County, NY

CORNING, NY MICROPOLITAN STATISTICAL AREA

Steuben County, NY

ELMIRA, NY METROPOLITAN STATISTICAL AREA

Chemung County, NY

JAMESTOWN-DUNKIRK-FREDONIA, NY MICROPOLITAN STATISTICAL AREA

Chautauqua County, NY

MALONE, NY MICROPOLITAN STATISTICAL AREA

Franklin County, NY

OGDENSBURG-MASSENA, NY MICROPOLITAN STATISTICAL AREA

St. Lawrence County, NY

OLEAN, NY MICROPOLITAN STATISTICAL AREA

Cattaraugus County, NY

ONEONTA, NY MICROPOLITAN STATISTICAL AREA

Otsego County, NY

PLATTSBURGH, NY MICROPOLITAN STATISTICAL AREA

Clinton County, NY

UTICA-ROME, NY METROPOLITAN STATISTICAL AREA

Herkimer County, NY

Oneida County, NY

WATERTOWN-FORT DRUM, NY MICROPOLITAN STATISTICAL AREA

Jefferson County, NY

