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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	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)				
ALABAMA													
31-33	Manufacturing	1	5 119	1 813	284 127	9 744 347	220 348	438 810	6 650 500	28 641 670	38 362 679	66 686 220	3 070 882
311	Food manufacturing	1	299	144	36 481	875 050	28 802	56 757	605 899	3 111 818	4 032 612	7 150 635	138 633
3111	Animal food manufacturing	-	39	19	1 019	35 221	713	1 558	22 304	176 225	661 754	842 276	7 246
31111	Animal food manufacturing	-	39	19	1 019	35 221	713	1 558	22 304	176 225	661 754	842 276	7 246
311111	Dog and cat food manufacturing	-	4	4	402	14 118	307	714	8 841	24 536	74 466	100 100	D
311119	Other animal food manufacturing	-	35	15	617	21 103	406	844	13 463	151 689	587 288	742 176	D
3112	Grain and oilseed milling	-	8	6	696	25 926	538	1 097	17 394	336 420	505 051	840 219	4 192
31122	Starch and vegetable fats and oils manufacturing	-	5	5	f	D	D	D	D	D	D	D	4 148
311221	Wet corn milling	3	2	2	c	D	D	D	D	D	D	D	D
311222	Soybean processing	-	2	2	c	D	D	D	D	D	D	D	D
311225	Fats and oils refining and blending	-	1	1	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	7	12	2	c	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	9	5	1	c	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	9	5	1	c	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	9	4	3	c	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	9	3	2	c	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning ..	9	3	2	c	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	2	12	9	2 223	63 470	670	1 470	20 381	219 776	318 122	539 026	21 401
31151	Dairy product (except frozen) manufacturing	1	8	6	1 911	51 866	479	1 043	14 704	171 658	259 962	433 059	D
311511	Fluid milk manufacturing	1	5	5	g	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	-	1	1	c	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	4	4	3	312	11 604	191	427	5 677	48 118	58 160	105 967	D
311520	Ice cream and frozen dessert manufacturing	4	4	3	312	11 604	191	427	5 677	48 118	58 160	105 967	D
3116	Animal slaughtering and processing	1	92	48	21 727	462 740	19 559	37 851	384 228	1 568 555	1 722 412	3 283 424	45 891
31161	Animal slaughtering and processing	1	92	48	21 727	462 740	19 559	37 851	384 228	1 568 555	1 722 412	3 283 424	45 891
311611	Animal (except poultry) slaughtering	4	35	4	323	7 204	275	545	5 089	17 297	45 651	62 688	1 352
311612	Meat processed from carcasses	3	14	6	565	18 768	410	880	12 216	41 035	106 312	153 620	2 988
311613	Rendering and meat byproduct processing	2	8	5	223	7 316	128	295	3 857	33 488	75 228	108 703	1 368
311615	Poultry processing	1	35	33	20 616	429 452	18 746	36 131	363 066	1 476 735	1 495 221	2 958 413	40 183
3117	Seafood product preparation and packaging	1	23	14	2 187	38 597	1 755	3 186	24 722	101 437	143 069	244 487	12 875
31171	Seafood product preparation and packaging	1	23	14	2 187	38 597	1 755	3 186	24 722	101 437	143 069	244 487	12 875
311712	Fresh and frozen seafood processing	1	23	14	2 187	38 597	1 755	3 186	24 722	101 437	143 069	244 487	12 875
3118	Bakeries and tortilla manufacturing	-	66	27	4 158	124 485	2 551	5 419	64 868	310 211	206 105	516 156	16 181
31181	Bread and bakery product manufacturing	-	64	25	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	4	36	5	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	28	20	3 710	116 370	2 273	4 978	59 729	289 782	191 745	481 454	13 143
31182	Cookie, cracker, and pasta manufacturing	-	2	2	c	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	-	2	2	c	D	D	D	D	D	D	D	D
3119	Other food manufacturing	2	43	16	4 030	112 182	2 705	5 595	63 862	342 573	446 178	798 592	28 845
31191	Snack food manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
311911	Roasted nuts and peanut butter manufacturing	-	4	3	416	9 901	310	640	7 437	43 854	105 723	160 586	D
311919	Other snack food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing ..	9	2	1	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	5	10	3	e	D	D	D	D	D	D	D	D
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	6	9	2	e	D	D	D	D	D	D	D	2 134
311942	Spice and extract manufacturing	-	1	1	c	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	1	25	8	1 747	49 377	1 427	3 044	39 368	146 725	194 665	340 777	16 393
311991	Perishable prepared food manufacturing	-	7	3	1 242	34 169	1 105	2 349	28 902	82 359	149 568	231 629	D
311999	All other miscellaneous food manufacturing	2	18	5	505	15 208	322	695	10 466	64 366	45 097	109 148	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALABAMA—Con.													
312	Beverage and tobacco product manufacturing	—	25	12	g	D	D	D	D	D	D	D	32 208
3121	Beverage manufacturing	1	23	10	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	19	10	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	1	6	5	1 425	46 973	696	1 546	17 475	145 313	433 986	578 689	26 005
312113	Ice manufacturing	2	12	4	c	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	—	90	66	15 628	407 110	13 878	27 520	339 789	1 141 670	1 629 463	2 765 167	52 034
3131	Fiber, yarn, and thread mills	—	28	25	4 520	118 406	4 245	8 594	104 843	296 489	549 248	840 826	13 572
31311	Fiber, yarn, and thread mills ...	—	28	25	4 520	118 406	4 245	8 594	104 843	296 489	549 248	840 826	13 572
313111	Yarn spinning mills	—	23	21	3 910	101 317	3 690	7 472	90 439	238 185	302 076	537 610	12 674
313112	Yarn texturizing, throwing, and twisting mills	1	5	4	610	17 089	555	1 122	14 404	58 304	247 172	303 216	898
3132	Fabric mills	1	42	29	9 391	248 070	8 284	16 534	205 437	580 826	711 010	1 294 189	34 062
31321	Broadwoven fabric mills	1	22	16	7 163	197 275	6 447	13 072	167 108	431 895	514 089	948 135	18 839
313210	Broadwoven fabric mills	1	22	16	7 163	197 275	6 447	13 072	167 108	431 895	514 089	948 135	18 839
31322	Narrow fabric mills and schiffli machine embroidery	—	8	6	g	D	D	D	D	D	D	D	D
313221	Narrow fabric mills	—	7	5	1 063	20 461	877	1 560	16 179	54 129	44 720	99 884	1 302
31323	Nonwoven fabric mills	9	4	1	c	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	9	4	1	c	D	D	D	D	D	D	D	D
31324	Knit fabric mills	—	8	6	949	24 622	784	1 540	18 034	82 069	140 829	221 545	D
313241	Weft knit fabric mills	—	5	4	880	23 109	729	1 446	17 219	77 471	134 923	211 029	D
3133	Textile and fabric finishing and fabric coating mills	—	20	12	1 717	40 634	1 349	2 392	29 509	264 355	369 205	630 152	4 400
31331	Textile and fabric finishing mills	—	18	12	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	—	10	5	789	20 259	690	1 116	15 970	177 181	182 891	359 541	2 179
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	8	7	f	D	D	D	D	D	D	D	D
314	Textile product mills	4	118	27	6 292	152 636	5 362	10 953	112 704	561 251	840 363	1 389 825	D
3141	Textile furnishings mills	5	53	16	4 671	109 206	4 039	8 262	82 285	462 702	648 347	1 098 918	15 101
31411	Carpet and rug mills	9	5	4	2 379	61 453	1 985	4 646	43 707	224 991	338 488	562 897	5 729
314110	Carpet and rug mills	9	5	4	2 379	61 453	1 985	4 646	43 707	224 991	338 488	562 897	5 729
31412	Curtain and linen mills	—	48	12	2 292	47 753	2 054	3 616	38 578	237 711	309 859	536 021	9 372
314121	Curtain and drapery mills	1	29	2	224	4 250	162	251	2 229	7 658	5 687	13 350	152
314129	Other household textile product mills	—	19	10	2 068	43 503	1 892	3 365	36 349	230 053	304 172	522 671	9 220
3149	Other textile product mills	1	65	11	1 621	43 430	1 323	2 691	30 419	98 549	192 016	290 907	D
31491	Textile bag and canvas mills ...	1	22	5	414	7 771	337	513	4 477	12 882	13 557	26 490	D
314912	Canvas and related product mills	1	19	5	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	1	43	6	1 207	35 659	986	2 178	25 942	85 667	178 459	264 417	D
314992	Tire cord and tire fabric mills ...	—	1	1	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	3	37	5	f	D	D	D	D	D	D	D	744
315	Apparel manufacturing	1	205	99	13 373	269 820	11 053	20 237	192 016	667 958	964 089	1 639 448	21 560
3151	Apparel knitting mills	2	106	61	6 559	146 831	5 613	10 453	107 817	257 955	395 512	655 335	13 194
31511	Hosiery and sock mills	1	99	57	6 021	134 626	5 219	9 681	99 895	225 093	365 651	596 309	12 896
315111	Shear hosiery mills	—	3	3	271	6 423	230	458	4 871	16 841	7 944	24 776	D
315119	Other hosiery and sock mills ...	1	96	54	5 750	128 203	4 989	9 223	95 024	208 252	357 707	571 533	D
31519	Other apparel knitting mills	9	7	4	538	12 205	394	772	7 922	32 862	29 861	59 026	298
315191	Outerwear knitting mills	9	7	4	538	12 205	394	772	7 922	32 862	29 861	59 026	298
3152	Cut and sew apparel manufacturing	1	81	34	5 815	104 347	4 493	8 122	68 239	367 099	509 377	880 954	D
31521	Cut and sew apparel contractors	6	45	15	g	D	D	D	D	D	D	D	1 123
315211	Men's and boys' cut and sew apparel contractors	4	13	7	788	11 750	709	1 194	9 764	27 391	1 244	29 910	408
315212	Women's, girls', and infants' cut and sew apparel contractors	8	32	8	g	D	D	D	D	D	D	D	715
31522	Men's and boys' cut and sew apparel manufacturing	1	18	11	2 346	43 698	1 843	3 242	29 848	139 502	245 683	378 952	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	9	6	3	505	9 524	461	826	7 884	19 380	17 305	36 274	244
315228	Men's and boys' cut and sew other outerwear manufacturing	—	6	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)				
ALABAMA—Con.													
315	Apparel manufacturing—Con.												
3152	Cut and sew apparel manufacturing—Con.												
31523	Women's and girls' cut and sew apparel manufacturing	1	9	5	930	19 971	606	1 228	9 780	133 477	232 108	367 914	1 131
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
315239	Women's and girls' cut and sew other outerwear manufacturing	—	4	3	c	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	9	3	f	D	D	D	D	D	D	D	2 217
315291	Infants' cut and sew apparel manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
315299	All other cut and sew apparel manufacturing	—	8	2	e	D	D	D	D	D	D	D	D
3159	Apparel accessories and other apparel manufacturing	1	18	4	999	18 642	947	1 662	15 960	42 904	59 200	103 159	D
31599	Apparel accessories and other apparel manufacturing	1	18	4	999	18 642	947	1 662	15 960	42 904	59 200	103 159	D
315991	Hat, cap, and millinery manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
315992	Glove and mitten manufacturing	9	2	1	c	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel manufacturing	—	11	1	c	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	3	15	2	c	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	449	203	20 741	581 311	17 455	35 272	434 327	1 182 318	2 432 144	3 616 791	88 769
3211	Sawmills and wood preservation	1	138	68	5 709	183 989	4 762	10 184	138 107	337 011	1 025 813	1 369 417	45 189
32111	Sawmills and wood preservation	1	138	68	5 709	183 989	4 762	10 184	138 107	337 011	1 025 813	1 369 417	45 189
321113	Sawmills	1	118	53	4 980	159 075	4 308	9 247	124 150	290 227	764 624	1 056 483	41 210
321114	Wood preservation	—	20	15	729	24 914	454	937	13 957	46 784	261 189	312 934	3 979
3212	Veneer, plywood, and engineered wood product manufacturing	—	60	38	4 160	129 417	3 660	7 809	106 571	276 765	536 442	814 582	15 340
32121	Veneer, plywood, and engineered wood product manufacturing	—	60	38	4 160	129 417	3 660	7 809	106 571	276 765	536 442	814 582	15 340
321211	Hardwood veneer and plywood manufacturing	1	11	9	570	14 298	520	1 109	11 454	29 267	21 852	51 387	1 768
321212	Softwood veneer and plywood manufacturing	—	12	11	2 081	67 389	1 921	4 053	58 903	93 038	274 881	369 262	5 937
321213	Engineered wood member (except truss) manufacturing	—	6	3	499	18 074	424	955	14 433	68 903	109 959	178 076	3 058
321214	Truss manufacturing	1	23	9	473	10 031	362	709	6 906	19 355	36 139	55 686	1 106
321219	Reconstituted wood product manufacturing	—	8	6	537	19 625	433	983	14 875	66 202	93 611	160 171	3 471
3219	Other wood product manufacturing	1	251	97	10 872	267 905	9 033	17 279	189 649	568 542	869 889	1 432 792	28 240
32191	Millwork	1	111	43	4 642	111 219	3 894	7 368	79 374	252 096	424 064	670 063	9 852
321911	Wood window and door manufacturing	1	35	17	1 896	43 964	1 505	2 743	28 989	109 433	187 156	296 639	3 064
321912	Cut stock, resawing lumber, and planing	1	33	12	795	17 472	700	1 437	13 625	47 381	115 817	160 423	2 619
321918	Other millwork (including flooring)	1	43	14	1 951	49 783	1 689	3 188	36 760	95 282	121 091	213 001	4 169
32192	Wood container and pallet manufacturing	1	60	17	1 045	22 980	855	1 708	17 047	50 464	57 898	107 887	2 169
321920	Wood container and pallet manufacturing	1	60	17	1 045	22 980	855	1 708	17 047	50 464	57 898	107 887	2 169
32199	All other wood product manufacturing	1	80	37	5 185	133 706	4 284	8 203	93 228	265 982	387 927	654 842	16 219
321991	Manufactured home (mobile home) manufacturing	1	28	20	4 163	108 372	3 421	6 590	74 291	200 994	319 505	520 100	11 616
321992	Prefabricated wood building manufacturing	—	8	4	164	4 766	127	251	3 086	11 729	13 788	25 728	911
321999	All other miscellaneous wood product manufacturing	1	44	13	858	20 568	736	1 362	15 851	53 259	54 634	109 014	3 692
322	Paper manufacturing	1	83	64	13 577	741 414	10 893	22 089	565 792	3 043 067	2 785 867	5 780 741	343 086
3221	Pulp, paper, and paperboard mills	1	18	18	9 907	614 251	7 954	16 114	480 418	2 695 627	2 216 226	4 866 765	314 635
32211	Pulp mills	9	2	2	e	D	D	D	D	D	D	D	D
322110	Pulp mills	9	2	2	e	D	D	D	D	D	D	D	D
32212	Paper mills	—	7	7	h	D	D	D	D	D	D	D	217 658
322121	Paper (except newsprint) mills	—	5	5	h	D	D	D	D	D	D	D	D
322122	Newsprint mills	8	2	2	e	D	D	D	D	D	D	D	D
32213	Paperboard mills	1	9	9	5 303	329 773	4 278	8 609	266 654	1 117 043	1 156 219	2 281 324	D
322130	Paperboard mills	1	9	9	5 303	329 773	4 278	8 609	266 654	1 117 043	1 156 219	2 281 324	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALABAMA—Con.													
322	Paper manufacturing—Con.												
3222	Converted paper product manufacturing	—	65	46	3 670	127 163	2 939	5 975	85 374	347 440	569 641	913 976	28 451
32221	Paperboard container manufacturing	—	48	38	2 855	99 988	2 295	4 801	67 930	224 875	433 537	659 129	23 407
322211	Corrugated and solid fiber box manufacturing	—	29	21	1 791	64 822	1 354	2 842	39 407	157 438	317 086	472 760	20 181
322212	Folding paperboard box manufacturing	1	10	9	795	26 668	716	1 489	22 273	44 155	82 540	129 510	2 325
322214	Fiber can, tube, drum, and similar products manufacturing	—	6	6	214	6 989	182	384	5 363	19 936	31 063	50 701	D
32222	Paper bag and coated and treated paper manufacturing ..	3	7	3	358	14 488	267	542	9 650	48 641	74 133	121 447	2 913
322222	Coated and laminated paper manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
322226	Surface-coated paperboard manufacturing	9	1	1	c	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	7	3	2	119	3 273	91	176	1 627	6 388	4 682	11 059	D
322231	Die-cut paper and paperboard office supplies manufacturing	7	2	2	c	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	—	7	3	338	9 414	286	456	6 167	67 536	57 289	122 341	D
322299	All other converted paper product manufacturing	—	7	3	338	9 414	286	456	6 167	67 536	57 289	122 341	D
323	Printing and related support activities	1	421	58	i	D	D	D	D	D	D	D	71 311
3231	Printing and related support activities	1	421	58	i	D	D	D	D	D	D	D	71 311
32311	Printing	1	404	57	i	D	D	D	D	D	D	D	70 865
323110	Commercial lithographic printing	1	166	32	2 909	97 437	1 940	3 640	56 336	253 063	174 191	426 936	62 511
323112	Commercial flexographic printing	3	9	5	251	9 380	193	400	6 091	25 303	25 285	50 509	782
323113	Commercial screen printing ..	3	71	5	e	D	D	D	D	D	D	D	1 427
323114	Quick printing	4	98	3	e	D	D	D	D	D	D	D	1 701
323115	Digital printing	—	7	3	c	D	D	D	D	D	D	D	453
323116	Manifold business forms printing	—	10	4	572	14 596	264	572	7 838	88 954	23 801	110 915	1 963
323118	Blankbook, looseleaf binders, and devices manufacturing ..	—	3	1	c	D	D	D	D	D	D	D	D
323119	Other commercial printing ...	4	29	2	c	D	D	D	D	D	D	D	1 037
324	Petroleum and coal products manufacturing	—	38	17	2 017	103 697	1 443	3 146	66 888	465 570	1 699 419	2 150 392	56 624
3241	Petroleum and coal products manufacturing	—	38	17	2 017	103 697	1 443	3 146	66 888	465 570	1 699 419	2 150 392	56 624
32411	Petroleum refineries	—	4	4	424	28 170	270	539	16 536	145 476	1 245 106	1 385 147	20 268
324110	Petroleum refineries	—	4	4	424	28 170	270	539	16 536	145 476	1 245 106	1 385 147	20 268
32412	Asphalt paving, roofing, and saturated materials manufacturing	1	29	10	1 055	47 961	770	1 672	31 036	245 500	341 619	577 342	28 342
324121	Asphalt paving mixture and block manufacturing	3	22	4	238	9 590	154	336	5 505	81 409	130 016	209 425	3 391
324122	Asphalt shingle and coating materials manufacturing ...	—	7	6	817	38 371	616	1 336	25 531	164 091	211 603	367 917	24 951
32419	Other petroleum and coal products manufacturing	—	5	3	538	27 566	403	935	19 316	74 594	112 694	187 903	8 014
324199	All other petroleum and coal products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	194	89	14 303	671 869	9 759	20 029	386 885	2 912 309	3 963 504	6 796 111	358 809
3251	Basic chemical manufacturing ...	1	64	30	5 711	337 176	3 243	6 708	166 690	965 126	2 117 566	3 105 909	146 961
32512	Industrial gas manufacturing ...	—	20	4	c	D	D	D	D	D	D	D	9 375
325120	Industrial gas manufacturing ...	—	20	4	c	D	D	D	D	D	D	D	9 375
32518	Other basic inorganic chemical manufacturing	—	19	10	1 299	76 212	838	1 822	46 596	393 199	278 933	682 895	D
325181	Alkalies and chlorine manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ...	—	16	7	805	46 597	490	1 109	27 367	225 803	158 945	394 193	10 347
32519	Other basic organic chemical manufacturing	1	23	16	4 201	250 014	2 311	4 692	115 586	496 586	1 811 473	2 320 930	D
325192	Cyclic crude and intermediate manufacturing	—	3	3	483	26 984	303	476	14 040	162 736	189 357	343 551	D
325199	All other basic organic chemical manufacturing ...	2	20	13	3 718	223 030	2 008	4 216	101 546	333 850	1 622 116	1 977 379	99 474
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	2	22	18	5 206	189 899	4 354	8 976	142 762	1 040 071	1 072 674	2 105 134	117 599
32521	Resin and synthetic rubber manufacturing	4	11	8	1 730	92 020	1 317	2 224	63 286	734 537	626 405	1 372 453	D
325211	Plastics material and resin manufacturing	6	10	7	f	D	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	11	10	3 476	97 879	3 037	6 752	79 476	305 534	446 269	732 681	D
325222	Noncellulosic organic fiber manufacturing	—	10	9	h	D	D	D	D	D	D	D	84 999

Table 1. Industry Statistics for the State: 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)				
ALABAMA—Con.													
325	Chemical manufacturing—Con.												
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	—	19	9	1 034	47 003	666	1 273	25 514	325 847	233 730	535 432	18 213
32531	Fertilizer manufacturing	1	16	7	f	D	D	D	D	D	D	D	D
325311	Nitrogenous fertilizer manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing	2	13	5	466	15 971	355	682	10 284	70 593	81 769	149 208	D
32532	Pesticide and other agricultural chemical manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	15	5	517	23 780	311	678	10 659	71 788	47 460	118 128	D
32541	Pharmaceutical and medicine manufacturing	—	15	5	517	23 780	311	678	10 659	71 788	47 460	118 128	D
325411	Medicinal and botanical manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	27	11	661	31 669	436	900	17 738	218 999	193 235	413 146	D
32551	Paint and coating manufacturing	—	22	10	593	29 236	393	816	16 596	210 329	182 367	393 576	7 534
325510	Paint and coating manufacturing	—	22	10	593	29 236	393	816	16 596	210 329	182 367	393 576	7 534
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	5	17	2	201	7 166	120	238	3 333	19 619	28 008	47 571	D
32561	Soap and cleaning compound manufacturing	5	16	2	c	D	D	D	D	D	D	D	D
325612	Polish and other sanitation good manufacturing	1	5	2	134	4 392	84	184	2 127	7 223	14 524	21 799	D
3259	Other chemical product and preparation manufacturing	—	30	14	973	35 176	629	1 256	20 189	270 859	270 831	470 791	D
32592	Explosives manufacturing	—	5	5	179	7 673	78	121	2 626	25 814	31 872	57 736	2 161
325920	Explosives manufacturing	—	5	5	179	7 673	78	121	2 626	25 814	31 872	57 736	2 161
32599	All other chemical product and preparation manufacturing ..	—	21	8	737	25 172	504	1 039	15 682	238 709	229 982	397 866	D
325991	Custom compounding of purchased resins	—	5	2	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing ..	—	13	6	e	D	D	D	D	D	D	D	8 738
326	Plastics and rubber products manufacturing	1	209	98	17 719	643 476	14 567	27 608	487 423	1 598 882	1 504 532	3 096 027	107 168
3261	Plastics product manufacturing ..	—	154	76	10 222	300 207	8 304	15 250	212 770	923 643	813 525	1 734 854	81 095
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	15	9	1 537	48 369	1 208	2 182	31 330	244 067	131 453	376 038	15 073
326111	Plastics bag manufacturing ..	—	6	4	702	19 350	597	1 134	13 977	84 639	64 732	147 752	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	—	3	2	135	3 774	109	230	2 348	12 610	17 828	29 811	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	6	3	700	25 245	502	818	15 005	146 818	48 893	198 475	6 972
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	—	20	9	578	20 069	453	878	12 343	69 609	75 281	139 131	3 143
326121	Unlaminated plastics profile shape manufacturing	1	8	2	140	4 510	123	221	3 550	13 664	16 997	26 913	1 751
326122	Plastics pipe and pipe fitting manufacturing	—	12	7	438	15 559	330	657	8 793	55 945	58 284	112 218	1 392
32614	Polystyrene foam product manufacturing	—	4	2	e	D	D	D	D	D	D	D	1 629
326140	Polystyrene foam product manufacturing	—	4	2	e	D	D	D	D	D	D	D	1 629
32615	Urethane and other foam product (except polystyrene) manufacturing	7	8	5	383	7 468	303	407	5 020	22 966	31 273	54 253	1 660
326150	Urethane and other foam product (except polystyrene) manufacturing	7	8	5	383	7 468	303	407	5 020	22 966	31 273	54 253	1 660
32616	Plastics bottle manufacturing ..	—	6	5	422	10 042	363	803	7 539	36 405	38 473	74 811	2 556
326160	Plastics bottle manufacturing	—	6	5	422	10 042	363	803	7 539	36 405	38 473	74 811	2 556
32619	Other plastics product manufacturing	—	95	45	6 986	206 084	5 709	10 499	150 693	507 530	514 104	1 024 188	56 916
326191	Plastics plumbing fixture manufacturing	—	20	5	f	D	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	73	38	5 691	164 615	4 686	8 575	119 951	366 451	421 412	787 856	46 400

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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)				
ALABAMA—Con.													
326	Plastics and rubber products manufacturing—Con.												
3262	Rubber product manufacturing . . .	2	55	22	7 497	343 269	6 263	12 358	274 653	675 239	691 007	1 361 173	26 073
32621	Tire manufacturing	2	30	11	6 475	315 372	5 500	10 842	256 918	601 082	625 588	1 222 851	23 024
326211	Tire manufacturing (except retreading)	2	10	8	6 213	307 658	5 334	10 506	252 666	578 690	594 511	1 171 676	D
326212	Tire retreading	—	20	3	262	7 714	166	336	4 252	22 392	31 077	51 175	D
32622	Rubber and plastics hoses and belting manufacturing	—	4	2	172	4 548	139	231	3 423	22 035	14 406	36 292	D
326220	Rubber and plastics hoses and belting manufacturing . .	—	4	2	172	4 548	139	231	3 423	22 035	14 406	36 292	D
32629	Other rubber product manufacturing	—	21	9	850	23 349	624	1 285	14 312	52 122	51 013	102 030	D
326291	Rubber product manufacturing for mechanical use	—	10	5	416	12 845	321	692	9 097	31 005	19 001	49 240	D
326299	All other rubber product manufacturing	1	11	4	434	10 504	303	593	5 215	21 117	32 012	52 790	1 237
327	Nonmetallic mineral product manufacturing	1	341	94	8 955	329 895	7 016	14 603	234 671	1 118 236	809 714	1 899 181	256 885
3271	Clay product and refractory manufacturing	—	27	17	1 587	55 628	1 323	2 704	41 592	169 576	90 861	260 169	7 863
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	4	1	c	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	—	1	1	c	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	—	23	16	g	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing	—	8	6	686	22 490	602	1 261	17 695	80 958	31 228	110 103	5 095
327122	Ceramic wall and floor tile manufacturing	6	2	2	c	D	D	D	D	D	D	D	D
327124	Clay refractory manufacturing	—	10	7	443	17 720	328	635	11 388	41 547	40 617	82 241	1 939
3272	Glass and glass product manufacturing	—	16	5	789	34 100	584	1 072	22 003	111 783	63 233	154 046	2 383
32721	Glass and glass product manufacturing	—	16	5	789	34 100	584	1 072	22 003	111 783	63 233	154 046	2 383
327215	Glass product manufacturing made of purchased glass . .	—	14	5	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	229	48	4 371	154 973	3 372	7 056	108 669	522 173	417 401	934 674	229 202
32731	Cement manufacturing	—	6	5	743	40 171	484	1 023	26 048	167 664	89 954	252 362	D
327310	Cement manufacturing	—	6	5	743	40 171	484	1 023	26 048	167 664	89 954	252 362	D
32732	Ready-mix concrete manufacturing	2	147	19	1 654	56 556	1 375	2 938	44 640	167 626	190 153	358 757	10 307
327320	Ready-mix concrete manufacturing	2	147	19	1 654	56 556	1 375	2 938	44 640	167 626	190 153	358 757	10 307
32733	Concrete pipe, brick, and block manufacturing	1	28	10	637	21 443	439	910	12 680	79 511	55 321	133 576	D
327331	Concrete block and brick manufacturing	1	18	4	379	14 713	249	544	8 726	48 312	36 995	83 388	D
327332	Concrete pipe manufacturing	—	10	6	258	6 730	190	366	3 954	31 199	18 326	50 188	1 183
32739	Other concrete product manufacturing	4	48	14	1 337	36 803	1 074	2 185	25 301	107 372	81 973	189 979	D
327390	Other concrete product manufacturing	4	48	14	1 337	36 803	1 074	2 185	25 301	107 372	81 973	189 979	D
3274	Lime and gypsum product manufacturing	1	11	9	505	20 017	406	875	14 238	95 908	68 455	164 552	2 098
32741	Lime manufacturing	—	6	5	314	14 360	246	567	10 256	78 419	38 023	116 950	D
327410	Lime manufacturing	—	6	5	314	14 360	246	567	10 256	78 419	38 023	116 950	D
32742	Gypsum product manufacturing	5	5	4	191	5 657	160	308	3 982	17 489	30 432	47 602	D
327420	Gypsum product manufacturing	5	5	4	191	5 657	160	308	3 982	17 489	30 432	47 602	D
3279	Other nonmetallic mineral product manufacturing	—	58	15	1 703	65 177	1 331	2 896	48 169	218 796	169 764	385 740	15 339
32791	Abrasive product manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
327910	Abrasive product manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	—	55	14	g	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	1	25	5	349	9 846	279	577	7 021	23 699	7 515	30 308	708
327992	Ground or treated mineral and earth manufacturing . .	—	11	2	267	11 027	193	453	7 514	32 529	20 146	52 273	D
327993	Mineral wool manufacturing . .	—	11	5	834	35 407	666	1 467	26 614	127 998	100 405	226 852	6 382
327999	All other miscellaneous nonmetallic mineral product manufacturing	4	8	2	c	D	D	D	D	D	D	D	259

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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)				
ALABAMA—Con.													
331	Primary metal manufacturing	—	'126	80	'17 387	'774 740	'13 551	'29 132	'548 210	'2 027 352	'3 147 777	'5 033 563	'318 822
3311	Iron and steel mills and ferroalloy manufacturing	—	12	11	4 466	235 739	3 341	7 011	165 473	829 920	1 329 695	2 125 686	210 343
33111	Iron and steel mills and ferroalloy manufacturing	—	12	11	4 466	235 739	3 341	7 011	165 473	829 920	1 329 695	2 125 686	210 343
331111	Iron and steel mills	—	11	10	h	D	D	D	D	D	D	D	D
3312	Steel product manufacturing from purchased steel	—	'9	6	'545	'20 867	'456	'925	'14 634	'65 801	'117 794	'179 072	'7 211
33121	Iron and steel pipe and tube manufacturing from purchased steel	—	'3	2	e	D	D	D	D	D	D	D	D
331210	Iron and steel pipe and tube manufacturing from purchased steel	—	'3	2	e	D	D	D	D	D	D	D	D
33122	Rolling and drawing of purchased steel	—	6	4	c	D	D	D	D	D	D	D	D
331222	Steel wire drawing	—	2	2	c	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	15	10	1 961	101 176	1 494	3 052	78 372	294 168	744 056	961 034	22 467
33131	Alumina and aluminum production and processing	—	15	10	1 961	101 176	1 494	3 052	78 372	294 168	744 056	961 034	22 467
331315	Aluminum sheet, plate, and foil manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
331319	Other aluminum rolling and drawing	—	4	3	369	12 625	294	551	9 585	57 282	99 223	160 889	D
3314	Nonferrous metal (except aluminum) production and processing	—	25	14	2 360	81 933	1 897	4 042	58 553	208 619	341 766	548 949	17 186
33141	Nonferrous metal (except aluminum) smelting and refining	—	6	2	240	9 053	167	365	5 174	23 192	55 395	76 342	D
331419	Primary smelting and refining of nonferrous metal (except copper and aluminum)	—	5	2	c	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	—	5	4	891	30 903	795	1 636	25 570	65 938	127 688	194 875	D
331421	Copper rolling, drawing, and extruding	—	4	3	f	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	—	14	8	1 229	41 977	935	2 041	27 809	119 489	158 683	277 732	4 907
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding	—	8	3	331	8 320	219	387	4 946	33 459	37 075	69 091	710
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum)	—	6	5	898	33 657	716	1 654	22 863	86 030	121 608	208 641	4 197
3315	Foundries	—	65	39	8 055	335 025	6 363	14 102	231 178	628 844	614 466	1 218 822	61 615
33151	Ferrous metal foundries	—	40	28	6 710	293 208	5 283	11 640	203 992	579 446	511 593	1 066 756	55 947
331511	Iron foundries	—	29	24	6 027	265 845	4 723	10 393	183 871	519 633	468 123	962 233	50 664
331512	Steel investment foundries ..	—	3	2	345	10 712	272	597	6 155	28 423	10 527	39 079	4 094
331513	Steel foundries (except investment)	—	8	2	338	16 651	288	650	13 966	31 390	32 943	65 444	1 189
33152	Nonferrous metal foundries	—	25	11	1 345	41 817	1 080	2 462	27 186	49 398	102 873	152 066	5 668
331522	Nonferrous (except aluminum) die-casting foundries	4	2	2	c	D	D	D	D	D	D	D	D
331524	Aluminum foundries (except die-casting)	—	13	4	952	31 600	755	1 761	20 732	27 034	94 401	121 063	4 743
331525	Copper foundries (except die-casting)	—	4	3	159	4 937	123	277	2 507	11 505	3 609	15 355	228
332	Fabricated metal product manufacturing	1	'1 010	'281	'26 385	'880 444	'19 478	'38 366	'556 564	'2 018 408	'1 896 540	'3 919 522	'130 618
3321	Forging and stamping	—	33	18	2 166	70 406	1 571	3 305	38 657	131 956	166 246	297 793	8 328
33211	Forging and stamping	—	33	18	2 166	70 406	1 571	3 305	38 657	131 956	166 246	297 793	8 328
332111	Iron and steel forging	—	4	2	f	D	D	D	D	D	D	D	D
332114	Custom roll forming	—	7	4	e	D	D	D	D	D	D	D	D
332116	Metal stamping	1	21	11	1 247	32 220	994	2 028	22 204	61 113	61 934	124 844	3 646
3322	Cutlery and handtool manufacturing	1	11	3	333	11 297	268	482	7 974	25 067	13 689	39 021	D
33221	Cutlery and handtool manufacturing	1	11	3	333	11 297	268	482	7 974	25 067	13 689	39 021	D
332212	Hand and edge tool manufacturing	—	6	1	232	7 886	187	349	5 774	15 429	10 221	25 960	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)
ALABAMA—Con.													
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing	2	'332	'114	'10 085	'328 888	'7 085	'13 583	'196 543	'742 243	'782 465	'1 519 798	'42 193
33231	Plate work and fabricated structural product manufacturing	2	'184	'70	'5 658	'190 821	'3 769	'7 046	'110 060	'412 756	'499 998	'908 581	'24 562
332311	Prefabricated metal building and component manufacturing	1	24	7	996	33 689	487	913	15 573	56 706	73 949	130 995	2 228
332312	Fabricated structural metal manufacturing	2	130	51	3 836	129 302	2 655	4 836	76 113	308 213	391 176	694 934	20 127
332313	Plate work manufacturing	—	'30	'12	'826	'27 830	'627	'1 297	'18 374	'47 837	'34 873	'82 652	'2 207
33232	Ornamental and architectural metal products manufacturing	1	148	44	4 427	138 067	3 316	6 537	86 483	'329 487	'282 467	611 217	17 631
332321	Metal window and door manufacturing	—	28	9	1 040	32 051	756	1 664	20 282	56 962	64 276	121 063	4 973
332322	Sheet metal work manufacturing	2	72	21	2 049	59 501	1 632	3 180	41 433	'164 936	'127 336	291 811	8 368
332323	Ornamental and architectural metal work manufacturing ..	1	48	14	1 338	46 515	928	1 693	24 768	107 589	90 855	198 343	4 290
3324	Boiler, tank, and shipping container manufacturing	—	34	15	1 382	51 343	1 021	2 226	35 507	109 035	158 767	269 207	14 293
33241	Power boiler and heat exchanger manufacturing	1	5	2	194	8 628	145	327	5 197	13 730	12 336	25 611	377
332410	Power boiler and heat exchanger manufacturing ..	1	5	2	194	8 628	145	327	5 197	13 730	12 336	25 611	377
33242	Metal tank (heavy gauge) manufacturing	—	19	7	760	26 855	514	1 104	18 335	59 993	65 263	126 972	4 183
332420	Metal tank (heavy gauge) manufacturing	—	19	7	760	26 855	514	1 104	18 335	59 993	65 263	126 972	4 183
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	10	6	428	15 860	362	795	11 975	35 312	81 168	116 624	9 733
332431	Metal can manufacturing	—	4	3	285	11 381	248	556	8 949	28 353	75 493	104 515	8 871
332439	Other metal container manufacturing	—	6	3	143	4 479	114	239	3 026	6 959	5 675	12 109	862
3325	Hardware manufacturing	2	13	9	963	28 899	830	1 627	22 997	79 915	63 372	138 954	2 318
33251	Hardware manufacturing	2	13	9	963	28 899	830	1 627	22 997	79 915	63 372	138 954	2 318
332510	Hardware manufacturing	2	13	9	963	28 899	830	1 627	22 997	79 915	63 372	138 954	2 318
3326	Spring and wire product manufacturing	3	'34	7	'528	'18 636	'391	'811	'11 396	'37 963	'55 142	'95 165	'2 194
33261	Spring and wire product manufacturing	3	'34	7	'528	'18 636	'391	'811	'11 396	'37 963	'55 142	'95 165	'2 194
332618	Other fabricated wire product manufacturing	3	'33	7	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	393	66	4 661	159 719	3 402	6 326	101 207	341 837	221 118	559 236	29 103
33271	Machine shops	2	355	51	3 603	122 598	2 717	4 995	82 952	228 132	108 949	336 601	14 583
332710	Machine shops	2	355	51	3 603	122 598	2 717	4 995	82 952	228 132	108 949	336 601	14 583
33272	Turned product and screw, nut, and bolt manufacturing	—	38	15	1 058	37 121	685	1 331	18 255	113 705	112 169	222 635	14 520
332721	Precision turned product manufacturing	—	26	6	373	11 017	283	501	7 578	30 569	13 517	44 078	1 572
332722	Bolt, nut, screw, rivet, and washer manufacturing	—	12	9	685	26 104	402	830	10 677	83 136	98 652	178 557	12 948
3328	Coating, engraving, heat treating, and allied activities	3	58	16	1 644	49 891	1 345	2 628	35 209	104 078	58 903	162 878	D
33281	Coating, engraving, heat treating, and allied activities ..	3	58	16	1 644	49 891	1 345	2 628	35 209	104 078	58 903	162 878	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	3	27	11	1 118	35 964	912	1 827	25 634	78 769	49 155	127 866	2 775
332813	Electroplating, plating, polishing, anodizing, and coloring	3	26	4	458	11 217	380	682	7 666	19 211	8 195	27 361	D
3329	Other fabricated metal product manufacturing	—	102	33	4 623	161 365	3 565	7 378	107 074	446 314	376 838	837 470	25 934
33291	Metal valve manufacturing	—	15	9	1 882	73 169	1 425	2 974	47 350	186 072	149 550	342 686	11 475
332911	Industrial valve manufacturing	—	9	5	1 060	43 191	787	1 685	26 456	138 417	102 757	236 254	D
332912	Fluid power valve and hose fitting manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	87	24	2 741	88 196	2 140	4 404	59 724	260 242	227 288	494 784	14 459
332991	Ball and roller bearing manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
332993	Ammunition (except small arms) manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	2	18	8	696	21 453	481	900	12 531	67 663	37 399	109 117	4 835
332999	All other miscellaneous fabricated metal product manufacturing	—	47	12	1 465	43 894	1 194	2 485	30 938	143 460	150 444	294 554	7 393

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ALABAMA—Con.													
333	Machinery manufacturing	1	'279	'113	'13 724	'477 963	'9 946	'19 540	'293 895	'1 072 765	'1 490 363	'2 511 126	'59 973
3331	Agriculture, construction, and mining machinery manufacturing	—	'27	9	'2 406	'88 798	'1 818	'3 789	'58 931	'126 747	'300 024	'406 302	'8 102
33311	Agricultural implement manufacturing	—	'16	7	g	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	'14	6	g	D	D	D	D	D	D	D	'6 378
33312	Construction machinery manufacturing	—	10	2	622	29 094	448	785	17 710	14 131	142 062	165 184	D
333120	Construction machinery manufacturing	—	10	2	622	29 094	448	785	17 710	14 131	142 062	165 184	D
3332	Industrial machinery manufacturing	5	35	12	1 090	43 412	676	1 419	22 541	79 192	53 541	135 232	2 056
33329	Other industrial machinery manufacturing	5	30	12	1 070	42 803	661	1 395	22 241	78 353	52 797	133 643	D
333291	Paper industry machinery manufacturing	1	12	5	321	14 523	210	467	7 107	27 266	17 558	46 423	759
333294	Food product machinery manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	8	13	5	613	23 778	343	672	12 139	43 646	30 553	74 621	1 178
3333	Commercial and service industry machinery manufacturing	—	18	11	1 308	43 298	847	1 608	19 601	89 030	79 223	167 249	6 997
33331	Commercial and service industry machinery manufacturing	—	18	11	1 308	43 298	847	1 608	19 601	89 030	79 223	167 249	6 997
333315	Photographic and photocopying equipment manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	—	11	8	751	32 007	440	905	13 668	70 817	54 210	125 124	2 361
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	25	18	2 537	72 233	2 101	4 207	51 569	187 764	289 098	483 110	7 513
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	25	18	2 537	72 233	2 101	4 207	51 569	187 764	289 098	483 110	7 513
333411	Air purification equipment manufacturing	4	6	3	181	5 073	139	270	3 020	8 814	8 240	17 117	170
333412	Industrial and commercial fan and blower manufacturing ..	3	7	6	282	10 699	188	394	5 663	25 920	23 289	48 886	1 201
333414	Heating equipment (except warm air furnaces) manufacturing	6	3	3	450	12 591	385	788	9 719	22 678	26 362	51 774	676
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	9	6	1 624	43 870	1 389	2 755	33 167	130 352	231 207	365 333	5 466
3335	Metalworking machinery manufacturing	1	70	18	1 637	53 068	1 249	2 373	34 752	109 369	42 898	151 028	9 630
33351	Metalworking machinery manufacturing	1	70	18	1 637	53 068	1 249	2 373	34 752	109 369	42 898	151 028	9 630
333511	Industrial mold manufacturing	1	24	5	375	12 821	286	551	9 100	30 903	12 636	43 967	4 652
333512	Machine tool (metal cutting types) manufacturing	7	2	1	c	D	D	D	D	D	D	D	D
333514	Special die and tool, die set, jig, and fixture manufacturing	2	30	8	871	26 054	698	1 283	17 115	46 056	17 643	63 613	4 633
333515	Cutting tool and machine tool accessory manufacturing...	—	8	2	c	D	D	D	D	D	D	D	179
3336	Engine, turbine, and power transmission equipment manufacturing	—	8	5	1 184	46 953	946	1 632	34 137	136 893	441 585	565 430	16 438
33361	Engine, turbine, and power transmission equipment manufacturing	—	8	5	1 184	46 953	946	1 632	34 137	136 893	441 585	565 430	16 438
333611	Turbine and turbine generator set units manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing	9	2	2	c	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	1	'96	'40	'3 562	'130 201	'2 309	'4 512	'72 364	'343 770	'283 994	'602 775	'9 237
33391	Pump and compressor manufacturing	—	10	5	334	12 310	217	476	6 667	43 567	35 713	78 793	1 051
333911	Pump and pumping equipment manufacturing ..	—	6	3	c	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing	—	3	1	c	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)				
ALABAMA—Con.													
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing—Con.												
33392	Material handling equipment manufacturing	1	'39	'17	'1 788	'63 614	'1 141	'2 332	'36 427	'140 515	'139 667	'279 647	'4 323
333922	Conveyor and conveying equipment manufacturing ..	—	'15	'7	'725	'26 745	'399	'850	'12 367	'76 540	'46 825	'123 872	'1 344
333923	Overhead traveling crane, hoist, and monorail system manufacturing	4	12	6	e	D	D	D	D	D	D	D	D
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	10	3	550	20 914	432	877	15 625	34 594	48 652	86 166	1 745
33399	All other general purpose machinery manufacturing	1	47	18	1 440	54 277	951	1 704	29 270	159 688	108 614	244 335	3 863
333993	Packaging machinery manufacturing	—	5	3	204	7 865	124	215	4 184	34 342	14 935	48 668	351
333994	Industrial process furnace and oven manufacturing ...	—	3	2	c	D	D	D	D	D	D	D	D
333995	Fluid power cylinder and actuator manufacturing	2	7	4	334	11 388	244	441	7 204	25 596	32 256	58 630	D
333999	All other miscellaneous general purpose machinery manufacturing	1	23	7	610	23 710	448	773	13 979	82 621	31 845	89 591	1 386
334	Computer and electronic product manufacturing	—	'138	'65	'12 496	'473 893	'7 553	'15 519	'208 425	'1 386 690	'2 175 319	'3 595 632	'91 174
3341	Computer and peripheral equipment manufacturing	—	14	7	f	D	D	D	D	D	D	D	12 809
33411	Computer and peripheral equipment manufacturing	—	14	7	f	D	D	D	D	D	D	D	12 809
334111	Electronic computer manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	7	3	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	19	8	3 510	134 636	1 822	3 621	45 223	366 034	743 118	1 105 323	D
33421	Telephone apparatus manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	11	2	g	D	D	D	D	D	D	D	284
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	11	2	g	D	D	D	D	D	D	D	284
33429	Other communications equipment manufacturing	—	4	3	266	9 044	191	378	5 569	22 535	12 362	36 118	D
334290	Other communications equipment manufacturing ..	—	4	3	266	9 044	191	378	5 569	22 535	12 362	36 118	D
3344	Semiconductor and other electronic component manufacturing	—	'50	'26	'2 276	'93 130	'1 272	'2 552	'37 658	'238 762	'634 346	'906 146	D
33441	Semiconductor and other electronic component manufacturing	—	'50	'26	'2 276	'93 130	'1 272	'2 552	'37 658	'238 762	'634 346	'906 146	D
334412	Bare printed circuit board manufacturing	—	'6	'5	'608	'24 908	'354	'767	'10 554	'80 660	'33 763	'114 252	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	'16	'12	'1 300	'56 192	'674	'1 367	'21 810	'125 653	'584 300	'743 266	D
334419	Other electronic component manufacturing	'2	'17	'4	c	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	1	43	18	h	D	D	D	D	D	D	D	15 646
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	43	18	h	D	D	D	D	D	D	D	15 646
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	5	4	408	21 267	212	403	8 981	45 790	23 880	65 445	3 788
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	2	10	4	607	26 021	238	384	5 730	73 222	43 111	116 796	D
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	—	4	2	f	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	8	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)				
ALABAMA—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	2	5	3	192	6 517	115	108	1 799	19 525	8 593	29 218	752
3346	Manufacturing and reproducing magnetic and optical media.....	—	9	5	3 126	104 641	2 600	5 986	78 411	392 601	276 393	667 545	42 474
33461	Manufacturing and reproducing magnetic and optical media...	—	9	5	3 126	104 641	2 600	5 986	78 411	392 601	276 393	667 545	42 474
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	4	2	g	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	83	36	6 541	219 000	5 221	9 640	150 348	817 079	917 273	1 723 266	28 037
3351	Electric lighting equipment manufacturing	—	13	2	f	D	D	D	D	D	D	D	983
33512	Lighting fixture manufacturing ..	—	13	2	f	D	D	D	D	D	D	D	983
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	5	3	h	D	D	D	D	D	D	D	5 753
33522	Major appliance manufacturing.	—	3	3	h	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing ...	—	1	1	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	1	27	9	1 024	40 444	639	1 216	20 730	116 997	91 556	208 105	4 786
33531	Electrical equipment manufacturing	1	27	9	1 024	40 444	639	1 216	20 730	116 997	91 556	208 105	4 786
335311	Power, distribution, and specialty transformer manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	2	7	4	492	19 924	432	849	16 132	41 630	27 430	69 398	D
335313	Switchgear and switchboard apparatus manufacturing ...	2	9	2	170	6 676	111	220	2 902	13 039	20 478	33 210	1 803
335314	Relay and industrial control manufacturing	1	10	2	c	D	D	D	D	D	D	D	211
3359	Other electrical equipment and component manufacturing	—	38	22	2 329	75 109	1 844	3 655	50 393	293 332	331 253	610 056	16 515
33592	Communication and energy wire and cable manufacturing ..	—	6	6	930	29 415	786	1 610	22 148	135 559	226 004	353 730	3 499
335929	Other communication and energy wire manufacturing ..	—	6	6	930	29 415	786	1 610	22 148	135 559	226 004	353 730	3 499
33593	Wiring device manufacturing ...	—	17	9	858	26 888	682	1 217	17 656	124 194	64 225	180 958	10 021
335931	Current-carrying wiring device manufacturing	—	10	5	478	17 408	353	633	10 544	71 023	30 976	94 219	D
335932	Noncurrent-carrying wiring device manufacturing	—	7	4	380	9 480	329	584	7 112	53 171	33 249	86 739	D
33599	All other electrical equipment and component manufacturing	3	14	6	f	D	D	D	D	D	D	D	D
335991	Carbon and graphite product manufacturing	6	6	4	270	9 540	202	443	5 647	22 374	18 384	40 821	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	8	2	c	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	215	101	29 156	1 310 178	22 416	46 526	948 505	3 193 879	6 029 758	9 262 593	817 944
3361	Motor vehicle manufacturing	—	8	4	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	7	3	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	1	1	c	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)				
ALABAMA—Con.													
336	Transportation equipment manufacturing—Con.												
3362	Motor vehicle body and trailer manufacturing	2	53	22	3 236	100 627	2 467	4 914	69 341	251 843	529 813	802 220	D
33621	Motor vehicle body and trailer manufacturing	2	53	22	3 236	100 627	2 467	4 914	69 341	251 843	529 813	802 220	D
336211	Motor vehicle body manufacturing	—	16	7	1 387	45 579	945	2 016	28 847	110 949	284 896	417 824	D
336212	Truck trailer manufacturing ..	—	17	10	1 025	28 120	813	1 582	19 499	70 035	102 107	169 077	D
336213	Motor home manufacturing ..	9	2	1	e	D	D	D	D	D	D	D	D
336214	Travel trailer and camper manufacturing	4	18	4	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	73	36	11 162	558 876	8 792	18 379	424 308	1 454 689	2 260 798	3 723 683	128 973
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	10	2	e	D	D	D	D	D	D	D	2 627
336312	Gasoline engine and engine parts manufacturing	—	10	2	e	D	D	D	D	D	D	D	2 627
33632	Motor vehicle electrical and electronic equipment manufacturing	—	14	9	3 142	189 699	2 356	5 165	133 619	348 310	798 191	1 150 367	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	14	9	3 142	189 699	2 356	5 165	133 619	348 310	798 191	1 150 367	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	2	5	4	956	32 200	670	1 435	19 401	86 782	110 893	194 764	2 615
336340	Motor vehicle brake system manufacturing	2	5	4	956	32 200	670	1 435	19 401	86 782	110 893	194 764	2 615
33635	Motor vehicle transmission and power train parts manufacturing	—	11	3	513	19 163	426	624	14 442	148 132	172 100	320 185	D
336350	Motor vehicle transmission and power train parts manufacturing	—	11	3	513	19 163	426	624	14 442	148 132	172 100	320 185	D
33636	Motor vehicle seating and interior trim manufacturing	—	6	6	1 316	41 172	1 040	2 140	25 996	71 393	497 037	571 425	20 058
336360	Motor vehicle seating and interior trim manufacturing ..	—	6	6	1 316	41 172	1 040	2 140	25 996	71 393	497 037	571 425	20 058
33637	Motor vehicle metal stamping ..	—	3	2	e	D	D	D	D	D	D	D	711
336370	Motor vehicle metal stamping	—	3	2	e	D	D	D	D	D	D	D	711
33639	Other motor vehicle parts manufacturing	—	22	9	g	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	21	8	1 404	46 941	1 042	1 945	27 127	239 712	328 447	569 356	31 180
3364	Aerospace product and parts manufacturing	1	25	14	6 654	285 655	4 897	10 023	209 673	701 277	288 323	992 202	25 955
33641	Aerospace product and parts manufacturing	1	25	14	6 654	285 655	4 897	10 023	209 673	701 277	288 323	992 202	25 955
336411	Aircraft manufacturing	—	7	5	h	D	D	D	D	D	D	D	11 720
336412	Aircraft engine and engine parts manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	4	9	4	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	1	4	2	c	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	1	4	2	c	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	1	4	2	c	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	47	21	3 355	113 308	2 873	5 346	90 764	160 593	199 920	360 513	D
33661	Ship and boat building	—	47	21	3 355	113 308	2 873	5 346	90 764	160 593	199 920	360 513	D
336611	Ship building and repairing ..	—	28	14	2 818	100 002	2 395	4 471	80 162	135 714	161 054	296 768	D
336612	Boat building	1	19	7	537	13 306	478	875	10 602	24 879	38 866	63 745	D
3369	Other transportation equipment manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
336992	Military armored vehicle, tank, and tank component manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	3	1	c	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	416	85	13 374	344 118	11 019	20 765	242 305	1 003 808	756 400	1 746 486	48 560

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)				
ALABAMA—Con.													
337	Furniture and related product manufacturing—Con.												
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	350	54	9 543	232 811	7 906	14 881	164 079	629 404	505 144	1 123 044	35 500
33711	Wood kitchen cabinet and countertop manufacturing	1	243	22	4 199	111 969	3 376	6 395	76 203	264 977	183 693	451 015	17 278
337110	Wood kitchen cabinet and countertop manufacturing ..	1	243	22	4 199	111 969	3 376	6 395	76 203	264 977	183 693	451 015	17 278
33712	Household and institutional furniture manufacturing	—	107	32	5 344	120 842	4 530	8 486	87 876	364 427	321 451	672 029	18 222
337121	Upholstered household furniture manufacturing	1	21	5	538	10 510	468	832	8 161	20 684	25 184	45 658	803
337122	Nonupholstered wood household furniture manufacturing	—	60	12	2 616	59 933	2 204	4 159	41 517	245 281	154 606	381 034	11 306
337124	Metal household furniture manufacturing	—	8	4	g	D	D	D	D	D	D	D	D
337125	Household furniture (except wood and metal) manufacturing	—	2	2	c	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	—	16	9	521	13 145	387	699	8 299	34 743	43 078	77 309	1 268
3372	Office furniture (including fixtures) manufacturing	—	45	23	3 270	95 776	2 683	5 097	69 261	327 546	207 879	533 458	12 232
33721	Office furniture (including fixtures) manufacturing	—	45	23	3 270	95 776	2 683	5 097	69 261	327 546	207 879	533 458	12 232
337211	Wood office furniture manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing	2	18	9	432	13 761	307	597	8 039	25 280	19 264	44 315	2 162
337214	Office furniture (except wood) manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	—	21	10	1 831	48 352	1 545	3 033	35 691	156 932	93 024	245 896	6 373
3379	Other furniture related product manufacturing	3	21	8	561	15 531	430	787	8 965	46 858	43 377	89 984	828
33791	Mattress manufacturing	2	15	7	493	13 798	381	696	8 016	42 855	38 768	81 372	564
337910	Mattress manufacturing	2	15	7	493	13 798	381	696	8 016	42 855	38 768	81 372	564
339	Miscellaneous manufacturing	1	'365	'79	'8 325	'250 162	'6 013	'11 588	'146 963	'599 129	'502 838	'1 107 676	'32 266
3391	Medical equipment and supplies manufacturing	1	155	27	2 766	82 242	2 031	3 927	52 915	225 218	148 238	378 453	13 772
33911	Medical equipment and supplies manufacturing	1	155	27	2 766	82 242	2 031	3 927	52 915	225 218	148 238	378 453	13 772
339111	Laboratory apparatus and furniture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	4	7	2	190	7 226	84	164	2 447	21 653	9 110	30 908	889
339113	Surgical appliance and supplies manufacturing	—	29	14	1 235	32 617	965	1 961	22 597	73 962	51 911	132 885	9 486
339114	Dental equipment and supplies manufacturing	1	9	2	c	D	D	D	D	D	D	D	1 181
339116	Dental laboratories	3	107	7	807	20 216	636	995	14 263	36 714	8 125	44 730	1 313
3399	Other miscellaneous manufacturing	1	'210	'52	'5 559	'167 920	'3 982	'7 661	'94 048	'373 911	'354 600	'729 223	'18 494
33991	Jewelry and silverware manufacturing	—	9	2	c	D	D	D	D	D	D	D	159
339911	Jewelry (except costume) manufacturing	—	7	2	110	2 690	73	106	1 362	9 000	11 767	19 897	D
33992	Sporting and athletic goods manufacturing	2	39	8	951	32 966	696	1 392	18 241	101 322	57 545	153 416	3 177
339920	Sporting and athletic goods manufacturing	2	39	8	951	32 966	696	1 392	18 241	101 322	57 545	153 416	3 177
33993	Doll, toy, and game manufacturing	—	4	2	107	1 907	71	118	1 024	3 637	2 299	5 994	D
33995	Sign manufacturing	1	80	15	1 658	53 096	1 168	2 335	29 523	66 747	99 578	172 446	4 172
339950	Sign manufacturing	1	80	15	1 658	53 096	1 168	2 335	29 523	66 747	99 578	172 446	4 172
33999	All other miscellaneous manufacturing	—	'73	'25	'2 687	'75 936	'1 943	'3 646	'43 150	'188 836	'180 787	'370 553	'10 265
339991	Gasket, packing, and sealing device manufacturing	1	6	5	674	20 687	554	966	14 014	61 121	50 497	111 552	4 067
339994	Broom, brush, and mop manufacturing	—	4	1	122	2 590	89	178	1 560	5 367	6 702	12 282	D
339999	All other miscellaneous manufacturing	—	'55	'15	'1 754	'48 536	'1 184	'2 272	'24 487	'108 460	'112 222	'220 819	'3 749

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; g–500 to 999 employees; i–1,000 to 2,499 employees; h–2,500 to 4,999 employees; j–5,000 to 9,999 employees; k–10,000 to 24,999 employees; l–25,000 to 49,999 employees; m–50,000 to 99,999 employees; n–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.

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

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	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)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	'4 862	'1 626	'213 596	'7 973 516	'153 348	'306 942	'4 782 669	'28 995 537	'31 208 084	'60 204 460	'1 500 777
311	Food manufacturing	1	303	138	k	D	D	D	D	D	D	D	D
3111	Animal food manufacturing	1	22	12	f	D	D	D	D	D	D	D	D
31111	Animal food manufacturing	1	22	12	f	D	D	D	D	D	D	D	D
311111	Dog and cat food manufacturing	-	6	4	e	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing	2	16	8	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	-	7	6	f	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
31123	Breakfast cereal manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	8	11	3	f	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	8	7	3	f	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	8	7	3	f	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	-	4	3	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	3	10	4	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	4	9	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	58	36	j	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	58	36	j	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	18	11	g	D	D	D	D	D	D	D	D
311613	Rendering and meat byproduct processing	6	5	5	298	10 611	153	343	4 759	37 029	40 244	77 106	D
311615	Poultry processing	-	22	20	j	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	2	127	41	i	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	1	110	28	h	D	D	D	D	D	D	D	D
311811	Retail bakeries	2	62	4	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	40	17	h	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	1	8	7	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	2	12	8	g	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	3	5	3	f	D	D	D	D	D	D	D	D
311822	Flour mixes and dough manufacturing from purchased flour	-	6	5	f	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	6	5	5	e	D	D	D	D	D	D	D	D
311830	Tortilla manufacturing	6	5	5	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	59	30	h	D	D	D	D	D	D	D	D
31193	Flavoring syrup and concentrate manufacturing ...	-	3	2	e	D	D	D	D	D	D	D	D
311930	Flavoring syrup and concentrate manufacturing .	-	3	2	e	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	-	12	8	f	D	D	D	D	D	D	D	D
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	1	6	5	f	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing	-	6	3	318	10 816	232	384	6 527	72 250	39 761	111 151	2 823
31199	All other food manufacturing ...	2	34	13	g	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	4	7	4	f	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	1	27	9	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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
312	Beverage and tobacco product manufacturing	—	31	11	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	28	10	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	19	8	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	7	6	g	D	D	D	D	D	D	D	D
31212	Breweries	—	5	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	5	1	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
313	Textile mills	1	87	53	i	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	2	14	9	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	2	14	9	g	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	3	9	8	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	—	5	1	e	D	D	D	D	D	D	D	D
3132	Fabric mills	—	47	29	i	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	28	20	i	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	28	20	i	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	1	9	6	f	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills	1	9	6	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	1	26	15	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	1	22	12	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	3	14	6	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	8	6	f	D	D	D	D	D	D	D	D
31332	Fabric coating mills	2	4	3	400	10 820	338	700	6 590	15 992	38 437	54 230	1 042
313320	Fabric coating mills	2	4	3	400	10 820	338	700	6 590	15 992	38 437	54 230	1 042
314	Textile product mills	1	156	52	i	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	—	75	24	h	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	—	23	12	2 476	76 306	2 070	4 177	58 367	277 330	459 972	739 985	9 067
314110	Carpet and rug mills	—	23	12	2 476	76 306	2 070	4 177	58 367	277 330	459 972	739 985	9 067
31412	Curtain and linen mills	—	52	12	g	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	1	37	4	423	9 867	303	466	4 200	21 672	16 740	36 326	163
314129	Other household textile product mills	—	15	8	g	D	D	D	D	D	D	D	D
3149	Other textile product mills	2	81	28	h	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills	1	23	4	e	D	D	D	D	D	D	D	D
314912	Canvas and related product mills	1	19	3	e	D	D	D	D	D	D	D	D
31499	All other textile product mills	2	58	24	h	D	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills	—	2	2	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	2	50	21	h	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	'99	'28	'2 642	'52 198	2 121	3 986	36 643	'224 628	'262 906	'487 589	D
3151	Apparel knitting mills	—	6	4	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	1	'69	'21	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	—	38	6	f	D	D	D	D	D	D	D	1 071
315211	Men's and boys' cut and sew apparel contractors	—	8	4	499	9 793	444	906	8 194	14 334	6 234	20 745	D
315212	Women's, girls', and infants' cut and sew apparel contractors	2	30	2	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	'13	'7	f	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	5	4	4	316	4 388	241	410	2 946	10 349	10 162	21 278	D
315225	Men's and boys' cut and sew work clothing manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	5	12	7	410	8 487	304	505	4 760	23 279	24 675	49 517	D
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	6	5	3	e	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	6	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	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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
316	Leather and allied product manufacturing	1	11	2	e	D	D	D	D	D	D	D
321	Wood product manufacturing	1	210	77	i	D	D	D	D	D	D	D
3211	Sawmills and wood preservation	1	24	10	f	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	1	24	10	f	D	D	D	D	D	D	D
321113	Sawmills	3	19	8	f	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	—	36	20	g	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	36	20	g	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	—	3	2	f	D	D	D	D	D	D	D
321214	Truss manufacturing	—	23	14	f	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing	—	5	4	e	D	D	D	D	D	D	D
3219	Other wood product manufacturing	2	150	47	h	D	D	D	D	D	D	D
32191	Millwork	1	86	32	h	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	30	17	g	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	2	46	13	g	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	4	39	9	f	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	4	39	9	f	D	D	D	D	D	D	D
32199	All other wood product manufacturing	2	25	6	f	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing	3	21	4	e	D	D	D	D	D	D	D
322	Paper manufacturing	1	114	77	i	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	2	9	8	f	D	D	D	D	D	D	D
32213	Paperboard mills	2	6	6	f	D	D	D	D	D	D	D
322130	Paperboard mills	2	6	6	f	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	105	69	i	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	67	49	i	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	1	41	29	h	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing	—	14	12	g	D	D	D	D	D	D	D
322214	Fiber can, tube, drum, and similar products manufacturing	—	8	5	e	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	—	11	4	542	23 322	419	906	16 029	118 076	155 605	273 647
322222	Coated and laminated paper manufacturing	1	8	2	e	D	D	D	D	D	D	D
32223	Stationery product manufacturing	—	13	7	1 119	40 925	897	1 822	29 415	130 583	182 645	314 281
322231	Die-cut paper and paperboard office supplies manufacturing	—	3	2	e	D	D	D	D	D	D	D
322232	Envelope manufacturing	—	7	4	679	25 075	550	1 084	18 826	60 537	78 423	139 317
32229	Other converted paper product manufacturing	—	14	9	g	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	1	6	3	f	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	—	8	6	f	D	D	D	D	D	D	D
323	Printing and related support activities	2	746	148	j	D	D	D	D	D	D	D
3231	Printing and related support activities	2	746	148	j	D	D	D	D	D	D	D
32311	Printing	2	671	129	j	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	306	76	i	D	D	D	D	D	D	D
323111	Commercial gravure printing	—	11	2	e	D	D	D	D	D	D	D
323112	Commercial flexographic printing	—	18	8	665	26 376	510	1 146	16 689	61 969	60 978	122 028
323113	Commercial screen printing	6	68	10	f	D	D	D	D	D	D	D
323114	Quick printing	4	150	7	f	D	D	D	D	D	D	D
323115	Digital printing	1	34	6	f	D	D	D	D	D	D	2 102
323116	Manifold business forms printing	2	15	8	f	D	D	D	D	D	D	D
323119	Other commercial printing	5	54	5	401	13 505	264	492	7 377	27 653	14 358	42 029

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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
323	Printing and related support activities—Con.												
3231	Printing and related support activities—Con.												
32312	Support activities for printing, tradebinding and related work	1	75	19	1 009	41 574	760	1 553	26 141	80 922	34 452	115 238	3 418
323122	Prepress services	2	29	10	531	15 966	446	919	11 534	23 655	10 318	33 908	D
		1	46	9	478	25 608	314	634	14 607	57 267	24 134	81 330	D
324	Petroleum and coal products manufacturing	1	46	6	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	1	46	6	f	D	D	D	D	D	D	D	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	39	4	f	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	263	110	j	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	2	34	10	f	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	4	11	5	363	19 331	273	602	12 751	72 341	66 295	141 386	4 631
325188	All other basic inorganic chemical manufacturing	4	10	5	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	11	2	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	11	2	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	21	12	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	—	16	11	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	—	15	11	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing	—	5	1	e	D	D	D	D	D	D	D	888
325222	Noncellulosic organic fiber manufacturing	—	5	1	e	D	D	D	D	D	D	D	888
3254	Pharmaceutical and medicine manufacturing	1	25	13	1 912	88 860	691	1 422	28 483	239 999	122 871	355 063	D
32541	Pharmaceutical and medicine manufacturing	1	25	13	1 912	88 860	691	1 422	28 483	239 999	122 871	355 063	D
325412	Pharmaceutical preparation manufacturing	—	9	5	e	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	2	7	5	g	D	D	D	D	D	D	D	D
325414	Biological product (except diagnostic) manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	59	26	g	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	38	16	g	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	—	38	16	g	D	D	D	D	D	D	D	D
32552	Adhesive manufacturing	1	21	10	e	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing	1	21	10	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	57	24	h	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	—	44	19	g	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	—	28	11	g	D	D	D	D	D	D	D	D
325612	Polish and other sanitation good manufacturing	—	13	5	610	28 158	326	702	12 721	351 292	89 878	440 056	D
325613	Surface active agent manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	1	13	5	f	D	D	D	D	D	D	D	D
325620	Toilet preparation manufacturing	1	13	5	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	1	60	22	h	D	D	D	D	D	D	D	D
32591	Printing ink manufacturing	1	14	5	e	D	D	D	D	D	D	D	D
325910	Printing ink manufacturing	1	14	5	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.

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	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
325	Chemical manufacturing—Con.												
3259	Other chemical product and preparation manufacturing—Con.												
32599	All other chemical product and preparation manufacturing . . .	1	46	17	g	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins	4	9	4	f	D	D	D	D	D	D	D	8 247
325992	Photographic film, paper, plate, and chemical manufacturing	—	9	2	e	D	D	D	D	D	D	D	1 073
325998	All other miscellaneous chemical product and preparation manufacturing	—	28	11	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	273	170	j	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	1	223	137	j	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	1	37	31	h	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing	—	9	7	f	D	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	2	11	10	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	17	14	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	—	15	10	g	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	—	15	10	g	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	4	8	5	f	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	4	8	5	f	D	D	D	D	D	D	D	D
32616	Plastics bottle manufacturing	—	13	12	1 202	40 101	1 086	2 435	33 983	137 277	144 732	281 146	10 459
326160	Plastics bottle manufacturing	—	13	12	1 202	40 101	1 086	2 435	33 983	137 277	144 732	281 146	10 459
32619	Other plastics product manufacturing	1	136	77	i	D	D	D	D	D	D	D	D
326191	Plastics plumbing fixture manufacturing	4	7	4	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	128	73	i	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	50	33	h	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	16	11	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	7	6	f	D	D	D	D	D	D	D	D
326212	Tire retreading	—	9	5	e	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	—	31	20	g	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	—	12	8	g	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	—	19	12	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	295	122	j	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	1	24	9	g	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	17	4	f	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	—	4	3	f	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	3	7	5	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	29	11	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	29	11	g	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass	1	23	8	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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing	1	'180	'76	h	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	1	124	51	h	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	1	124	51	h	D	D	D	D	D	D	D	D
32733	Concrete pipe, brick, and block manufacturing	1	17	5	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	2	'38	'19	'1 714	'52 885	'1 134	'2 195	'30 660	'134 371	'82 688	'225 920	'7 733
327390	Other concrete product manufacturing	2	'38	'19	'1 714	'52 885	'1 134	'2 195	'30 660	'134 371	'82 688	'225 920	'7 733
3279	Other nonmetallic mineral product manufacturing	1	55	22	g	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	1	52	19	g	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	5	31	9	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	—	12	6	g	D	D	D	D	D	D	D	D
327999	All other miscellaneous nonmetallic mineral product manufacturing	3	8	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	42	19	2 538	100 752	1 976	4 070	68 501	275 196	768 586	1 043 981	D
3311	Iron and steel mills and ferroalloy manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	5	3	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	1	9	6	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	1	9	6	g	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	1	4	4	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	11	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	632	192	j	D	D	D	D	D	D	D	D
3321	Forging and stamping.....	3	16	9	835	31 134	626	1 331	20 199	78 480	67 503	143 671	10 519
33211	Forging and stamping.....	3	16	9	835	31 134	626	1 331	20 199	78 480	67 503	143 671	10 519
332116	Metal stamping	6	11	7	654	24 949	522	1 112	16 800	45 287	33 955	79 464	8 333
3322	Cutlery and handtool manufacturing	—	17	6	618	23 588	415	878	13 523	76 686	32 162	108 092	1 294
33221	Cutlery and handtool manufacturing	—	17	6	618	23 588	415	878	13 523	76 686	32 162	108 092	1 294
332212	Hand and edge tool manufacturing	—	15	5	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	215	88	i	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	—	72	34	g	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing	2	13	5	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	—	53	28	g	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	143	54	i	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	29	14	g	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	2	78	30	g	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	—	36	10	1 118	36 942	847	1 707	23 741	77 164	84 174	161 355	4 133
3324	Boiler, tank, and shipping container manufacturing	1	17	11	1 003	39 913	789	1 626	27 480	144 627	158 834	298 030	D
33242	Metal tank (heavy gauge) manufacturing	3	10	7	518	20 134	382	745	12 149	73 300	64 367	133 571	1 980
332420	Metal tank (heavy gauge) manufacturing	3	10	7	518	20 134	382	745	12 149	73 300	64 367	133 571	1 980
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	—	2	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.

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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)
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3325	Hardware manufacturing	3	13	6	1 036	31 180	808	1 656	20 598	63 172	107 443	170 222	D
33251	Hardware manufacturing	3	13	6	1 036	31 180	808	1 656	20 598	63 172	107 443	170 222	D
332510	Hardware manufacturing	3	13	6	1 036	31 180	808	1 656	20 598	63 172	107 443	170 222	D
3326	Spring and wire product manufacturing	1	15	8	g	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	1	15	8	g	D	D	D	D	D	D	D	D
332612	Spring (light gauge) manufacturing	2	3	3	e	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	—	12	5	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	220	24	g	D	D	D	D	D	D	D	D
33271	Machine shops	3	203	16	g	D	D	D	D	D	D	D	D
332710	Machine shops	3	203	16	g	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	1	17	8	f	D	D	D	D	D	D	D	D
332721	Precision turned product manufacturing	—	12	5	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities	—	42	12	f	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	—	42	12	f	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	21	6	e	D	D	D	D	D	D	D	D
332813	Electroplating, plating, polishing, anodizing, and coloring	1	19	5	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	77	28	h	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	72	27	h	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	2	5	3	e	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	1	13	4	f	D	D	D	D	D	D	D	793
332999	All other miscellaneous fabricated metal product manufacturing	—	42	19	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	'2	'267	'95	j	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	27	11	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	15	7	g	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	13	6	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	2	1	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	3	9	4	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	3	9	4	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	'2	'70	'29	g	D	D	D	D	D	D	D	D
33322	Plastics and rubber industry machinery manufacturing	—	6	2	301	14 954	88	196	3 422	31 448	14 230	46 772	D
333220	Plastics and rubber industry machinery manufacturing ..	—	6	2	301	14 954	88	196	3 422	31 448	14 230	46 772	D
33329	Other industrial machinery manufacturing	2	'60	'27	g	D	D	D	D	D	D	D	D
333293	Printing machinery and equipment manufacturing ..	2	8	4	e	D	D	D	D	D	D	D	D
333294	Food product machinery manufacturing	1	16	8	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	5	22	10	e	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing	3	24	9	f	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	3	24	9	f	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	3	16	6	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)					Wages (\$1,000)
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	26	16	h	D	D	D	D	D	D	D	
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	26	16	h	D	D	D	D	D	D	D	
333411	Air purification equipment manufacturing	—	7	4	e	D	D	D	D	D	D	D	
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	5	15	11	h	D	D	D	D	D	D	D	
3335	Metalworking machinery manufacturing	2	47	7	f	D	D	D	D	D	D	D	
33351	Metalworking machinery manufacturing	2	47	7	f	D	D	D	D	D	D	D	
333514	Special die and tool, die set, jig, and fixture manufacturing	—	18	4	295	14 754	201	376	7 677	29 153	10 353	35 937	788
3336	Engine, turbine, and power transmission equipment manufacturing	1	7	5	e	D	D	D	D	D	D	D	
33361	Engine, turbine, and power transmission equipment manufacturing	1	7	5	e	D	D	D	D	D	D	D	
3339	Other general purpose machinery manufacturing	—	66	18	g	D	D	D	D	D	D	D	
33392	Material handling equipment manufacturing	—	23	6	f	D	D	D	D	D	D	D	
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	7	2	e	D	D	D	D	D	D	D	
33399	All other general purpose machinery manufacturing	—	40	12	g	D	D	D	D	D	D	D	
333991	Power-driven handtool manufacturing	—	1	1	f	D	D	D	D	D	D	D	
333993	Packaging machinery manufacturing	—	17	3	461	20 335	250	497	8 601	107 716	41 500	150 687	501
333999	All other miscellaneous general purpose machinery manufacturing	—	16	4	e	D	D	D	D	D	D	D	
334	Computer and electronic product manufacturing	2	208	77	i	D	D	D	D	D	D	D	
3341	Computer and peripheral equipment manufacturing	6	29	8	g	D	D	D	D	D	D	9 054	
33411	Computer and peripheral equipment manufacturing	6	29	8	g	D	D	D	D	D	D	9 054	
334111	Electronic computer manufacturing	9	10	1	e	D	D	D	D	D	D	D	
334113	Computer terminal manufacturing	—	4	2	f	D	D	D	D	D	D	D	
3342	Communications equipment manufacturing	1	40	17	g	D	D	D	D	D	D	D	
33421	Telephone apparatus manufacturing	3	9	3	e	D	D	D	D	D	D	D	
334210	Telephone apparatus manufacturing	3	9	3	e	D	D	D	D	D	D	D	
33422	Radio and television broadcasting and wireless communications equipment manufacturing	1	22	9	g	D	D	D	D	D	D	D	
334220	Radio and television broadcasting and wireless communications equipment manufacturing	1	22	9	g	D	D	D	D	D	D	D	
33429	Other communications equipment manufacturing	4	9	5	e	D	D	D	D	D	D	D	
334290	Other communications equipment manufacturing ..	4	9	5	e	D	D	D	D	D	D	D	
3343	Audio and video equipment manufacturing	—	9	1	f	D	D	D	D	D	D	D	
33431	Audio and video equipment manufacturing	—	9	1	f	D	D	D	D	D	D	D	
334310	Audio and video equipment manufacturing	—	9	1	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
334	Computer and electronic product manufacturing—Con.													
3344	Semiconductor and other electronic component manufacturing	—	43	19	g	D	D	D	D	D	D	D	D	
33441	Semiconductor and other electronic component manufacturing	—	43	19	g	D	D	D	D	D	D	D	D	
334412	Bare printed circuit board manufacturing	1	9	6	f	D	D	D	D	D	D	D	D	
334418	Printed circuit assembly (electronic assembly) manufacturing	—	9	6	f	D	D	D	D	D	D	D	D	
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3	65	28		3 114	135 991	1 535	3 058	45 439	347 937	268 019	616 777	12 784
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	3	65	28		3 114	135 991	1 535	3 058	45 439	347 937	268 019	616 777	12 784
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	6	7	6	e	D	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	19	6	g	D	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing	6	5	2	e	D	D	D	D	D	D	D	D	D
334516	Analytical laboratory instrument manufacturing ..	2	6	3		343	15 874	193	402	6 437	40 504	15 222	55 283	1 775
335	Electrical equipment, appliance, and component manufacturing	—	79	31	i	D	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	2	11	3	f	D	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	2	11	3	f	D	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	2	6	3	f	D	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	42	15	h	D	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	42	15	h	D	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	9	4	g	D	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	1	15	5	g	D	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	1	16	5	f	D	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	24	13	i	D	D	D	D	D	D	D	D	D
33591	Battery manufacturing	—	5	4	f	D	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	4	3	e	D	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	—	6	5	h	D	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing	—	2	2	g	D	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	—	4	3	f	D	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	—	6	2		532	25 701	151	313	4 583	19 259	9 411	28 552	154
335931	Current-carrying wiring device manufacturing	—	4	2	f	D	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	—	7	2	e	D	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	6	2	e	D	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	128	63	j	D	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	5	3	i	D	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	5	3	i	D	D	D	D	D	D	D	D	D
336111	Automobile manufacturing ...	—	3	2	g	D	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	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)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
336	Transportation equipment manufacturing—Con.												
3362	Motor vehicle body and trailer manufacturing	1	22	7	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	1	22	7	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	1	12	5	e	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	1	5	2	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	72	41	i	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	18	11	g	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	15	9	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	5	10	5	390	12 401	321	635	8 495	23 480	23 924	47 780	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	5	10	5	390	12 401	321	635	8 495	23 480	23 924	47 780	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	—	3	3	f	D	D	D	D	D	D	D	382
336360	Motor vehicle seating and interior trim manufacturing ..	—	3	3	f	D	D	D	D	D	D	D	382
33637	Motor vehicle metal stamping ..	3	6	6	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping ..	3	6	6	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	2	23	10	g	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	2	22	10	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	13	7	i	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	13	7	i	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	4	3	i	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	6	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	380	66	i	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	'270	'28	h	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	2	'177	'17	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	2	'177	'17	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	1	93	11	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	5	39	4	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	2	9	4	e	D	D	D	D	D	D	D	403

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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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing—Con.												
3372	Office furniture (including fixtures) manufacturing	4	'92	'30	h	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	4	'92	'30	h	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	9	10	3	f	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing	—	'34	'11	f	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	4	11	4	f	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	3	37	12	g	D	D	D	D	D	D	D	D
3379	Other furniture related product manufacturing	—	18	8	f	D	D	D	D	D	D	D	D
33791	Mattress manufacturing	—	12	6	f	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	12	6	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	492	89	j	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	1	201	35	h	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	1	201	35	h	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	14	5	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	5	21	8	g	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	—	10	5	g	D	D	D	D	D	D	D	D
339116	Dental laboratories	5	141	13	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	2	291	54	i	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing	—	22	6	e	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing	—	22	6	e	D	D	D	D	D	D	D	D
33994	Office supplies (except paper) manufacturing	3	8	5	811	18 158	649	1 332	11 917	106 851	68 261	172 034	1 563
339942	Lead pencil and art good manufacturing	1	3	2	e	D	D	D	D	D	D	D	755
339943	Marking device manufacturing	9	5	3	e	D	D	D	D	D	D	D	808
33995	Sign manufacturing	2	149	20	g	D	D	D	D	D	D	D	D
339950	Sign manufacturing	2	149	20	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	1	89	20	g	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
339992	Musical instrument manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing	6	6	4	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	1	63	11	f	D	D	D	D	D	D	D	D
Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area													
31-33	Manufacturing	1	'4 425	'1 424	'177 534	'6 837 108	'124 245	'248 647	'3 979 554	'25 502 368	'26 394 338	'51 905 441	'1 212 076
311	Food manufacturing	—	260	109	19 176	595 286	14 481	30 579	389 775	4 468 951	2 697 765	7 153 881	135 826
3111	Animal food manufacturing	—	16	7	575	25 232	428	740	16 845	281 504	302 847	568 724	10 270
31111	Animal food manufacturing	—	16	7	575	25 232	428	740	16 845	281 504	302 847	568 724	10 270
311111	Dog and cat food manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	—	5	4	f	D	D	D	D	D	D	D	D
31123	Breakfast cereal manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311230	Breakfast cereal manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	—	4	3	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	1	9	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.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
311	Food manufacturing—Con.												
3116	Animal slaughtering and processing	—	42	23	7 129	185 792	6 195	13 399	143 804	696 321	870 453	1 566 631	16 081
31161	Animal slaughtering and processing	—	42	23	7 129	185 792	6 195	13 399	143 804	696 321	870 453	1 566 631	16 081
311612	Meat processed from carcasses	—	15	9	1 426	50 477	1 100	2 417	33 431	244 601	415 363	661 245	2 624
311613	Rendering and meat byproduct processing	6	5	5	298	10 611	153	343	4 759	37 029	40 244	77 106	D
311615	Poultry processing	—	10	9	5 346	123 225	4 889	10 526	104 383	412 490	399 706	810 939	11 220
3118	Bakeries and tortilla manufacturing	2	121	41	7 013	210 022	4 652	9 703	122 024	901 935	462 116	1 362 748	31 098
31181	Bread and bakery product manufacturing	1	104	28	4 806	140 797	2 850	5 887	73 260	354 056	289 794	641 290	23 133
311811	Retail bakeries	2	58	4	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	38	17	3 131	92 746	1 863	4 048	48 829	270 553	172 734	441 786	18 071
311813	Frozen cakes, pies, and other pastries manufacturing	1	8	7	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	2	12	8	g	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	3	5	3	f	D	D	D	D	D	D	D	D
311822	Flour mixes and dough purchased flour	—	6	5	f	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	6	5	5	e	D	D	D	D	D	D	D	D
311830	Tortilla manufacturing	6	5	5	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	49	24	2 594	95 763	1 765	3 497	53 143	1 853 512	616 215	2 474 107	25 967
31193	Flavoring syrup and concentrate manufacturing ...	—	3	2	e	D	D	D	D	D	D	D	D
311930	Flavoring syrup and concentrate manufacturing .	—	3	2	e	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	—	10	7	f	D	D	D	D	D	D	D	7 366
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	1	4	4	f	D	D	D	D	D	D	D	4 543
311942	Spice and extract manufacturing	—	6	3	318	10 816	232	384	6 527	72 250	39 761	111 151	2 823
31199	All other food manufacturing ...	2	29	10	1 154	38 616	826	1 656	23 041	172 266	162 883	335 143	6 368
311991	Perishable prepared food manufacturing	4	7	4	f	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing	1	22	6	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	28	10	2 700	101 732	1 473	2 915	48 743	783 625	761 555	1 540 863	77 525
3121	Beverage manufacturing	—	25	9	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	17	7	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	6	5	1 303	38 116	634	1 304	15 984	234 905	360 167	589 706	42 097
31212	Breweries	—	5	1	f	D	D	D	D	D	D	D	D
312120	Breweries	—	5	1	f	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
313	Textile mills	2	58	27	3 403	93 657	2 998	5 948	72 279	231 667	347 084	575 399	10 375
3131	Fiber, yarn, and thread mills	7	9	4	661	13 878	612	1 258	11 696	29 122	64 337	94 110	1 275
31311	Fiber, yarn, and thread mills ...	7	9	4	661	13 878	612	1 258	11 696	29 122	64 337	94 110	1 275
313111	Yarn spinning mills	7	5	4	628	12 966	586	1 203	11 159	27 258	60 425	88 170	D
3132	Fabric mills	1	27	12	1 812	52 995	1 644	3 215	44 217	148 756	184 991	330 660	6 734
31321	Broadwoven fabric mills	1	13	7	1 381	38 947	1 277	2 572	33 573	113 824	144 496	251 918	3 915
313210	Broadwoven fabric mills	1	13	7	1 381	38 947	1 277	2 572	33 573	113 824	144 496	251 918	3 915
31323	Nonwoven fabric mills	—	5	3	327	11 340	289	481	8 908	26 291	33 703	63 284	D
313230	Nonwoven fabric mills	—	5	3	327	11 340	289	481	8 908	26 291	33 703	63 284	D
3133	Textile and fabric finishing and fabric coating mills	1	22	11	930	26 784	742	1 475	16 366	53 789	97 756	150 629	2 366
31331	Textile and fabric finishing mills	1	18	8	530	15 964	404	775	9 776	37 797	59 319	96 399	1 324
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	7	5	374	12 007	295	544	7 315	21 490	44 146	65 202	522
31332	Fabric coating mills	2	4	3	400	10 820	338	700	6 590	15 992	38 437	54 230	1 042
313320	Fabric coating mills	2	4	3	400	10 820	338	700	6 590	15 992	38 437	54 230	1 042

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
314	Textile product mills	1	136	37	4 926	133 966	4 156	8 335	98 257	425 688	569 994	1 000 930	16 717
3141	Textile furnishings mills	—	65	16	2 539	67 532	2 120	4 205	48 700	271 423	382 419	657 388	5 410
31411	Carpet and rug mills	1	16	6	1 103	35 745	924	1 943	27 899	130 047	191 484	321 297	3 949
314110	Carpet and rug mills	1	16	6	1 103	35 745	924	1 943	27 899	130 047	191 484	321 297	3 949
31412	Curtain and linen mills	—	49	10	1 436	31 787	1 196	2 262	20 801	141 376	190 935	336 091	1 461
314121	Curtain and drapery mills	1	37	4	423	9 867	303	466	4 200	21 672	16 740	36 326	163
314129	Other household textile product mills	—	12	6	1 013	21 920	893	1 796	16 601	119 704	174 195	299 765	1 298
3149	Other textile product mills	2	71	21	2 387	66 434	2 036	4 130	49 557	154 265	187 575	343 542	11 307
31491	Textile bag and canvas mills ...	—	22	4	381	10 560	302	567	6 812	22 758	15 507	37 575	759
314912	Canvas and related product mills	1	18	3	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	3	49	17	2 006	55 874	1 734	3 563	42 745	131 507	172 068	305 967	10 548
314992	Tire cord and tire fabric mills ...	—	1	1	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	3	44	15	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	'96	'26	'2 388	'46 754	1 924	3 615	32 779	'216 576	'254 306	'471 197	D
3151	Apparel knitting mills	—	6	4	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	1	'66	'19	g	D	D	D	D	D	D	D	'1 922
31521	Cut and sew apparel contractors	—	38	6	f	D	D	D	D	D	D	D	1 071
315211	Men's and boys' cut and sew apparel contractors	—	8	4	499	9 793	444	906	8 194	14 334	6 234	20 745	D
315212	Women's, girls', and infants' cut and sew apparel contractors	2	30	2	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	'12	'6	'681	'11 986	513	918	7 754	'74 240	'87 772	'161 842	'486
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	5	4	4	316	4 388	241	410	2 946	10 349	10 162	21 278	D
315225	Men's and boys' cut and sew work clothing manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	5	12	7	410	8 487	304	505	4 760	23 279	24 675	49 517	D
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	6	5	3	e	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	1	9	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	187	68	5 973	179 578	4 792	10 026	129 460	383 350	637 753	1 017 627	14 348
3211	Sawmills and wood preservation	—	18	8	633	21 458	545	1 170	17 712	54 825	192 540	246 331	2 974
32111	Sawmills and wood preservation	—	18	8	633	21 458	545	1 170	17 712	54 825	192 540	246 331	2 974
321113	Sawmills	1	15	6	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	—	33	17	1 719	56 543	1 446	3 202	42 720	122 935	183 043	303 589	3 916
32121	Veneer, plywood, and engineered wood product manufacturing	—	33	17	1 719	56 543	1 446	3 202	42 720	122 935	183 043	303 589	3 916
321212	Softwood veneer and plywood manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
321214	Truss manufacturing	—	21	12	785	20 835	625	1 361	13 252	44 589	36 839	81 452	D
3219	Other wood product manufacturing	2	136	43	3 621	101 577	2 801	5 654	69 028	205 590	262 170	467 707	7 458
32191	Millwork	1	83	30	2 654	77 289	2 033	4 083	52 200	152 526	220 624	372 816	5 876
321911	Wood window and door manufacturing	—	28	16	1 249	37 849	1 004	2 045	27 240	81 759	124 838	206 630	3 620
321918	Other millwork (including flooring)	2	45	12	1 181	36 164	903	1 852	22 691	62 464	80 162	142 259	1 795
32192	Wood container and pallet manufacturing	3	32	8	544	13 136	451	914	9 970	22 023	23 858	45 779	719
321920	Wood container and pallet manufacturing	3	32	8	544	13 136	451	914	9 970	22 023	23 858	45 779	719
32199	All other wood product manufacturing	3	21	5	423	11 152	317	657	6 858	31 041	17 688	49 112	863
321999	All other miscellaneous wood product manufacturing	2	18	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.

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	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
322	Paper manufacturing	1	104	69	7 668	319 628	5 887	12 482	212 845	1 075 414	1 373 690	2 447 517	73 749
3221	Pulp, paper, and paperboard mills	2	8	7	805	44 736	601	1 303	31 774	251 720	128 129	380 938	9 977
32213	Paperboard mills	2	5	5	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	2	5	5	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	96	62	6 863	274 892	5 286	11 179	181 071	823 694	1 245 561	2 066 579	63 772
32221	Paperboard container manufacturing	—	61	44	4 507	181 291	3 397	7 127	113 849	467 218	803 151	1 267 574	52 816
322211	Corrugated and solid fiber box manufacturing	1	40	29	3 105	127 777	2 247	4 673	73 939	290 527	556 465	846 094	45 788
322212	Folding paperboard box manufacturing	—	11	9	1 008	40 695	843	1 922	31 409	147 041	199 353	344 034	4 327
32222	Paper bag and coated and treated paper manufacturing ..	—	11	4	542	23 322	419	906	16 029	118 076	155 605	273 647	D
322222	Coated and laminated paper manufacturing	1	8	2	e	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing	—	13	7	1 119	40 925	897	1 822	29 415	130 583	182 645	314 281	3 229
322231	Die-cut paper and paperboard office supplies manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
322232	Envelope manufacturing	—	7	4	679	25 075	550	1 084	18 826	60 537	78 423	139 317	2 268
32229	Other converted paper product manufacturing	1	11	7	695	29 354	573	1 324	21 778	107 817	104 160	211 077	D
322291	Sanitary paper product manufacturing	2	5	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	'709	138	'11 821	'464 476	'8 039	'15 536	'268 335	'1 038 586	'649 606	'1 688 620	'82 224
3231	Printing and related support activities	2	'709	138	'11 821	'464 476	'8 039	'15 536	'268 335	'1 038 586	'649 606	'1 688 620	'82 224
32311	Printing	2	'634	119	'10 812	'422 902	'7 279	'13 983	'242 194	'957 664	'615 154	'1 573 382	'78 806
323110	Commercial lithographic printing	1	'288	71	'6 287	'262 810	'4 285	'8 162	'153 901	'563 848	'364 530	'929 067	'54 834
323112	Commercial flexographic printing	—	18	8	665	26 376	510	1 146	16 689	61 969	60 978	122 028	10 260
323113	Commercial screen printing ..	6	61	9	881	33 554	464	943	11 574	56 283	56 317	111 511	3 318
323114	Quick printing	4	146	7	717	21 740	454	824	12 742	48 175	19 607	67 785	D
323115	Digital printing	1	34	6	f	D	D	D	D	D	D	D	2 102
323116	Manifold business forms printing	2	14	7	589	19 120	428	872	12 012	71 576	23 097	94 750	D
323119	Other commercial printing ..	5	49	3	306	10 223	200	377	5 499	18 104	10 721	28 837	D
32312	Support activities for printing ...	1	75	19	1 009	41 574	760	1 553	26 141	80 922	34 452	115 238	3 418
323121	Tradebinding and related work	2	29	10	531	15 966	446	919	11 534	23 655	10 318	33 908	D
323122	Prepress services	1	46	9	478	25 608	314	634	14 607	57 267	24 134	81 330	D
324	Petroleum and coal products manufacturing	1	40	6	f	D	D	D	D	D	D	D	11 695
3241	Petroleum and coal products manufacturing	1	40	6	f	D	D	D	D	D	D	D	11 695
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	33	4	528	22 372	432	943	16 775	85 563	172 104	258 173	8 475
324122	Asphalt shingle and coating materials manufacturing ...	—	7	4	e	D	D	D	D	D	D	D	3 179
325	Chemical manufacturing	1	245	99	10 903	486 099	6 257	12 192	239 418	2 455 105	2 141 710	4 594 783	95 007
3251	Basic chemical manufacturing ...	2	33	10	892	40 544	686	1 481	26 789	254 693	198 569	456 225	13 988
32518	Other basic inorganic chemical manufacturing	4	11	5	363	19 331	273	602	12 751	72 341	66 295	141 386	4 631
325188	All other basic inorganic chemical manufacturing ...	4	10	5	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	10	2	312	11 550	259	586	7 903	138 672	96 076	236 025	2 488
325199	All other basic organic chemical manufacturing ...	—	10	2	312	11 550	259	586	7 903	138 672	96 076	236 025	2 488
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	19	11	1 433	66 229	991	1 893	37 233	190 576	317 478	512 855	8 990
32521	Resin and synthetic rubber manufacturing	—	14	10	g	D	D	D	D	D	D	D	8 102
325211	Plastics material and resin manufacturing	—	13	10	1 080	49 244	702	1 279	25 748	156 691	265 908	424 527	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	5	1	e	D	D	D	D	D	D	D	888
325222	Noncellulosic organic fiber manufacturing	—	5	1	e	D	D	D	D	D	D	D	888

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Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.													
325	Chemical manufacturing—Con.												
3254	Pharmaceutical and medicine manufacturing	1	20	10	1 468	71 760	502	1 022	24 683	163 037	93 003	252 937	11 243
32541	Pharmaceutical and medicine manufacturing	1	20	10	1 468	71 760	502	1 022	24 683	163 037	93 003	252 937	11 243
325413	In-vitro diagnostic substance manufacturing	2	7	5	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	55	23	1 527	54 912	918	1 593	26 863	476 714	530 362	1 002 401	12 389
32551	Paint and coating manufacturing	1	36	14	1 079	38 204	632	1 059	17 928	402 162	444 502	840 834	6 007
325510	Paint and coating manufacturing	1	36	14	1 079	38 204	632	1 059	17 928	402 162	444 502	840 834	6 007
32552	Adhesive manufacturing	—	19	9	448	16 708	286	534	8 935	74 552	85 860	161 567	6 382
325520	Adhesive manufacturing	—	19	9	448	16 708	286	534	8 935	74 552	85 860	161 567	6 382
3256	Soap, cleaning compound, and toilet preparation manufacturing .	—	54	21	2 770	120 624	1 346	2 761	53 104	760 195	406 892	1 176 556	19 731
32561	Soap and cleaning compound manufacturing	—	42	17	2 363	102 636	1 122	2 345	46 480	682 618	369 068	1 061 488	17 575
325611	Soap and other detergent manufacturing	1	27	10	g	D	D	D	D	D	D	D	D
325612	Polish and other sanitation good manufacturing	—	13	5	610	28 158	326	702	12 721	351 292	89 878	440 056	D
325613	Surface active agent manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
32562	Toilet preparation manufacturing	2	12	4	407	17 988	224	416	6 624	77 577	37 824	115 068	2 156
325620	Toilet preparation manufacturing	2	12	4	407	17 988	224	416	6 624	77 577	37 824	115 068	2 156
3259	Other chemical product and preparation manufacturing	1	57	21	h	D	D	D	D	D	D	D	27 948
32591	Printing ink manufacturing	1	13	5	e	D	D	D	D	D	D	D	2 172
325910	Printing ink manufacturing	1	13	5	e	D	D	D	D	D	D	D	2 172
32599	All other chemical product and preparation manufacturing ...	1	44	16	2 361	110 651	1 500	2 791	58 205	529 426	513 766	1 032 124	25 776
325991	Custom compounding of purchased resins	4	9	4	f	D	D	D	D	D	D	D	8 247
325992	Photographic film, paper, plate, and chemical manufacturing	—	9	2	e	D	D	D	D	D	D	D	1 073
325998	All other miscellaneous chemical product and preparation manufacturing .	—	26	10	1 302	54 621	833	1 335	28 245	302 793	308 899	606 370	16 456
326	Plastics and rubber products manufacturing	1	246	151	17 623	577 092	13 703	28 382	396 026	1 881 062	1 694 276	3 582 837	133 775
3261	Plastics product manufacturing ..	1	202	123	14 400	474 746	11 095	23 188	324 187	1 595 380	1 352 694	2 950 194	119 920
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	1	34	28	3 255	132 086	2 545	5 515	92 537	473 545	495 152	965 045	26 672
326111	Plastics bag manufacturing ..	—	9	7	f	D	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing	2	10	9	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	15	12	1 194	44 883	874	1 878	28 501	184 316	174 791	356 386	8 996
32614	Polystyrene foam product manufacturing	—	13	9	1 763	59 133	1 286	2 553	38 543	318 855	125 162	454 412	24 289
326140	Polystyrene foam product manufacturing	—	13	9	1 763	59 133	1 286	2 553	38 543	318 855	125 162	454 412	24 289
32615	Urethane and other foam product (except polystyrene) manufacturing	5	6	4	455	16 048	360	769	9 448	29 968	44 696	74 572	D
326150	Urethane and other foam product (except polystyrene) manufacturing	5	6	4	455	16 048	360	769	9 448	29 968	44 696	74 572	D
32616	Plastics bottle manufacturing ..	—	13	12	1 202	40 101	1 086	2 435	33 983	137 277	144 732	281 146	10 459
326160	Plastics bottle manufacturing	—	13	12	1 202	40 101	1 086	2 435	33 983	137 277	144 732	281 146	10 459
32619	Other plastics product manufacturing	1	122	68	7 532	220 305	5 672	11 594	144 951	619 458	531 393	1 147 178	50 446
326199	All other plastics product manufacturing	1	115	65	7 329	214 276	5 503	11 229	140 646	607 866	523 459	1 127 695	50 057
3262	Rubber product manufacturing ...	—	44	28	3 223	102 346	2 608	5 194	71 839	285 682	341 582	632 643	13 855
32621	Tire manufacturing	—	16	11	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	7	6	f	D	D	D	D	D	D	D	D
326212	Tire retreading	—	9	5	e	D	D	D	D	D	D	D	D

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	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
326	Plastics and rubber products manufacturing—Con.												
3262	Rubber product manufacturing—Con.												
32622	Rubber and plastics hoses and belting manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing ..	—	3	2	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	—	25	15	1 706	52 385	1 392	2 678	35 991	137 473	135 095	269 516	D
326291	Rubber product manufacturing for mechanical use	—	9	6	1 077	32 618	925	1 805	23 659	92 308	43 213	133 762	3 241
326299	All other rubber product manufacturing	—	16	9	629	19 767	467	873	12 332	45 165	91 882	135 754	D
327	Nonmetallic mineral product manufacturing	1	'270	'118	'9 440	'344 560	'7 443	'15 626	'250 271	'1 047 675	'846 768	'1 905 368	'112 097
3271	Clay product and refractory manufacturing	1	22	9	1 443	44 219	1 212	2 345	32 247	132 838	55 916	183 225	D
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	15	4	f	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	—	4	3	f	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	3	7	5	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	27	11	1 316	51 915	1 038	2 031	37 152	162 365	131 438	293 530	32 554
32721	Glass and glass product manufacturing	—	27	11	1 316	51 915	1 038	2 031	37 152	162 365	131 438	293 530	32 554
327213	Glass container manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	1	22	8	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	'162	'74	'4 671	'166 832	'3 646	'7 834	'125 820	'466 475	'463 459	'941 014	'32 507
32732	Ready-mix concrete manufacturing	1	113	49	2 542	95 177	2 193	4 925	81 712	265 767	330 824	597 136	19 807
327320	Ready-mix concrete manufacturing	1	113	49	2 542	95 177	2 193	4 925	81 712	265 767	330 824	597 136	19 807
32733	Concrete pipe, brick, and block manufacturing	1	14	5	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	2	'34	'19	'1 697	'52 413	'1 120	'2 172	'30 347	'133 214	'82 003	'224 078	'7 684
327390	Other concrete product manufacturing	2	'34	'19	'1 697	'52 413	'1 120	'2 172	'30 347	'133 214	'82 003	'224 078	'7 684
3279	Other nonmetallic mineral product manufacturing	1	52	20	1 827	74 140	1 407	3 116	50 059	256 503	146 162	408 382	33 916
32799	All other nonmetallic mineral product manufacturing	1	50	18	g	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	5	30	9	560	21 762	426	915	14 726	37 543	20 891	64 818	D
327993	Mineral wool manufacturing ..	—	11	5	923	39 403	759	1 714	28 675	178 924	91 829	269 673	D
327999	All other miscellaneous nonmetallic mineral product manufacturing	3	8	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	38	16	2 046	82 373	1 566	3 196	54 514	230 253	698 454	925 576	8 212
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
3313	Alumina and aluminum production and processing	1	7	4	1 138	46 480	847	1 724	28 883	80 340	124 654	205 570	2 912
33131	Alumina and aluminum production and processing ...	1	7	4	1 138	46 480	847	1 724	28 883	80 340	124 654	205 570	2 912
331316	Aluminum extruded product manufacturing	1	3	3	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	11	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)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing	1	564	180	16 178	550 986	12 206	24 667	355 904	1 438 410	1 422 627	2 848 789	83 890
3321	Forging and stamping.....	3	16	9	835	31 134	626	1 331	20 199	78 480	67 503	143 671	10 519
33211	Forging and stamping.....	3	16	9	835	31 134	626	1 331	20 199	78 480	67 503	143 671	10 519
332116	Metal stamping	6	11	7	654	24 949	522	1 112	16 800	45 287	33 955	79 464	8 333
3322	Cutlery and handtool manufacturing	—	17	6	618	23 588	415	878	13 523	76 686	32 162	108 092	1 294
33221	Cutlery and handtool manufacturing	—	17	6	618	23 588	415	878	13 523	76 686	32 162	108 092	1 294
332212	Hand and edge tool manufacturing	—	15	5	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	194	84	6 499	220 401	4 767	9 465	137 374	522 404	605 071	1 125 684	22 887
33231	Plate work and fabricated structural product manufacturing	—	62	32	2 053	73 421	1 491	2 881	45 484	202 581	220 485	420 773	10 440
332311	Prefabricated metal building and component manufacturing	2	9	5	524	16 707	453	904	13 635	44 479	71 691	116 352	1 301
332312	Fabricated structural metal manufacturing	—	47	26	1 472	54 771	1 006	1 908	30 858	155 635	145 086	298 246	9 050
33232	Ornamental and architectural metal products manufacturing	1	132	52	4 446	146 980	3 276	6 584	91 890	319 823	384 586	704 911	12 447
332321	Metal window and door manufacturing	—	26	13	1 343	43 923	939	1 853	25 385	77 262	135 631	214 285	2 180
332322	Sheet metal work manufacturing	1	70	29	1 985	66 115	1 490	3 024	42 764	165 397	164 781	329 271	6 134
332323	Ornamental and architectural metal work manufacturing ..	—	36	10	1 118	36 942	847	1 707	23 741	77 164	84 174	161 355	4 133
3324	Boiler, tank, and shipping container manufacturing	1	17	11	1 003	39 913	789	1 626	27 480	144 627	158 834	298 030	D
33242	Metal tank (heavy gauge) manufacturing	3	10	7	518	20 134	382	745	12 149	73 300	64 367	133 571	1 980
332420	Metal tank (heavy gauge) manufacturing	3	10	7	518	20 134	382	745	12 149	73 300	64 367	133 571	1 980
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
332431	Metal can manufacturing	2	2	2	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	3	13	6	1 036	31 180	808	1 656	20 598	63 172	107 443	170 222	D
33251	Hardware manufacturing	3	13	6	1 036	31 180	808	1 656	20 598	63 172	107 443	170 222	D
332510	Hardware manufacturing	3	13	6	1 036	31 180	808	1 656	20 598	63 172	107 443	170 222	D
3326	Spring and wire product manufacturing	1	13	6	1 290	39 176	1 096	2 278	28 822	135 980	117 005	242 817	D
33261	Spring and wire product manufacturing	1	13	6	1 290	39 176	1 096	2 278	28 822	135 980	117 005	242 817	D
332612	Spring (light gauge) manufacturing	2	3	3	e	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	—	10	3	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	188	22	1 674	58 464	1 135	2 131	35 950	131 136	70 606	204 016	11 188
33271	Machine shops	3	173	14	1 022	37 333	746	1 323	23 056	65 834	41 234	109 244	3 319
332710	Machine shops	3	173	14	1 022	37 333	746	1 323	23 056	65 834	41 234	109 244	3 319
33272	Turned product and screw, nut, and bolt manufacturing	1	15	8	652	21 131	389	808	12 894	65 302	29 372	94 772	7 869
332721	Precision turned product manufacturing	—	11	5	495	14 522	294	628	9 946	45 913	21 668	67 470	7 326
3328	Coating, engraving, heat treating, and allied activities	—	39	11	785	29 188	551	1 184	17 050	40 373	69 742	114 021	3 344
33281	Coating, engraving, heat treating, and allied activities ..	—	39	11	785	29 188	551	1 184	17 050	40 373	69 742	114 021	3 344
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	18	5	418	16 935	328	705	11 694	20 395	61 472	85 295	2 717
332813	Electroplating, plating, polishing, anodizing, and coloring	1	19	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)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing	1	67	25	2 438	77 942	2 019	4 118	54 908	245 552	194 261	442 236	10 708
33299	All other fabricated metal product manufacturing	1	62	24	2 319	74 071	1 920	3 910	52 479	236 343	186 404	425 352	10 417
332996	Fabricated pipe and pipe fitting manufacturing	1	11	4	486	14 406	428	854	11 040	35 295	50 515	85 826	793
332999	All other miscellaneous fabricated metal product manufacturing	—	37	17	1 566	50 237	1 270	2 608	34 310	167 434	124 491	293 798	8 681
333	Machinery manufacturing	2	'233	'75	'9 239	'372 197	5 111	10 005	159 803	'930 787	'933 929	'1 877 293	'45 680
3331	Agriculture, construction, and mining machinery manufacturing	2	21	7	1 005	39 896	546	1 211	17 165	91 221	99 182	196 389	D
33311	Agricultural implement manufacturing	—	10	4	771	30 572	394	903	11 962	72 279	73 595	151 499	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	2	1	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	2	'56	'22	'1 583	'69 823	651	1 290	20 973	'146 542	'117 739	'266 501	'13 974
33322	Plastics and rubber industry machinery manufacturing	—	6	2	301	14 954	88	196	3 422	31 448	14 230	46 772	D
333220	Plastics and rubber industry machinery manufacturing ..	—	6	2	301	14 954	88	196	3 422	31 448	14 230	46 772	D
33329	Other industrial machinery manufacturing	'3	'47	'20	'1 269	'54 122	556	1 081	17 336	'113 796	'102 826	'217 748	D
333293	Printing machinery and equipment manufacturing ..	2	5	3	e	D	D	D	D	D	D	D	622
333294	Food product machinery manufacturing	—	10	4	322	14 165	140	274	4 175	25 557	16 220	41 883	387
333298	All other industrial machinery manufacturing	5	21	10	461	19 326	222	389	6 770	36 088	35 051	72 381	5 139
3333	Commercial and service industry machinery manufacturing	3	21	7	924	38 091	579	1 147	19 794	96 113	62 316	156 320	8 785
33331	Commercial and service industry machinery manufacturing	3	21	7	924	38 091	579	1 147	19 794	96 113	62 316	156 320	8 785
333319	Other commercial and service industry machinery manufacturing	3	14	5	751	30 705	489	956	16 471	81 740	55 542	135 161	3 330
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	25	15	3 008	119 275	1 710	3 505	51 671	240 310	290 865	537 045	6 982
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	4	25	15	3 008	119 275	1 710	3 505	51 671	240 310	290 865	537 045	6 982
333411	Air purification equipment manufacturing	—	7	4	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	4	14	10	2 625	102 852	1 495	3 049	45 838	185 814	250 313	441 808	5 613
3335	Metalworking machinery manufacturing	2	45	6	e	D	D	D	D	D	D	D	1 258
33351	Metalworking machinery manufacturing	2	45	6	e	D	D	D	D	D	D	D	1 258
333514	Special die and tool, die set, jig, and fixture manufacturing	—	18	4	295	14 754	201	376	7 677	29 153	10 353	35 937	788
3339	Other general purpose machinery manufacturing	—	60	15	2 086	75 239	1 213	2 059	33 321	291 618	272 419	565 192	7 753
33392	Material handling equipment manufacturing	—	21	6	f	D	D	D	D	D	D	D	4 322
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	6	2	e	D	D	D	D	D	D	D	2 331
33399	All other general purpose machinery manufacturing	—	36	9	1 349	42 596	845	1 306	21 310	213 378	116 659	330 843	D
333991	Power-driven handtool manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing	—	17	3	461	20 335	250	497	8 601	107 716	41 500	150 687	501

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)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
334	Computer and electronic product manufacturing	2	204	75	9 520	437 221	4 500	9 110	139 917	970 068	1 197 343	2 169 030	44 130
3341	Computer and peripheral equipment manufacturing	6	29	8	g	D	D	D	D	D	D	D	9 054
33411	Computer and peripheral equipment manufacturing	6	29	8	g	D	D	D	D	D	D	D	9 054
334111	Electronic computer manufacturing	9	10	1	e	D	D	D	D	D	D	D	D
334113	Computer terminal manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	1	38	16	g	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	6	8	2	e	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	6	8	2	e	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	1	21	9	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	1	21	9	g	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing	4	9	5	e	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	4	9	5	e	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	1	42	18	2 133	82 302	1 304	2 568	39 621	180 742	206 423	393 356	5 348
33441	Semiconductor and other electronic component manufacturing	1	42	18	2 133	82 302	1 304	2 568	39 621	180 742	206 423	393 356	5 348
334412	Bare printed circuit board manufacturing	1	9	6	f	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3	65	28	3 114	135 991	1 535	3 058	45 439	347 937	268 019	616 777	12 784
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	3	65	28	3 114	135 991	1 535	3 058	45 439	347 937	268 019	616 777	12 784
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	6	7	6	e	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	19	6	g	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing	6	5	2	e	D	D	D	D	D	D	D	D
334516	Analytical laboratory instrument manufacturing ..	2	6	3	343	15 874	193	402	6 437	40 504	15 222	55 283	1 775
335	Electrical equipment, appliance, and component manufacturing	—	74	27	7 926	312 560	5 238	10 667	159 622	884 175	1 070 565	2 004 560	46 990
3351	Electric lighting equipment manufacturing	2	11	3	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	2	11	3	f	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	2	6	3	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, MJSAs, 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)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing	—	39	13	2 661	104 407	1 850	3 667	53 432	521 132	444 363	987 640	D
33531	Electrical equipment manufacturing	—	39	13	2 661	104 407	1 850	3 667	53 432	521 132	444 363	987 640	D
335312	Motor and generator manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	1	14	5	g	D	D	D	D	D	D	D	6 379
335314	Relay and industrial control manufacturing	1	16	5	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	22	11	h	D	D	D	D	D	D	D	34 937
33591	Battery manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	—	6	5	h	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	—	4	3	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	—	6	2	532	25 701	151	313	4 583	19 259	9 411	28 552	154
335931	Current-carrying wiring device manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	6	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	109	47	20 006	1 116 552	13 061	23 197	637 083	4 931 825	7 589 184	12 517 039	162 906
3361	Motor vehicle manufacturing	—	5	3	i	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	5	3	i	D	D	D	D	D	D	D	D
336111	Automobile manufacturing ...	—	3	2	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	2	19	6	539	16 126	452	807	11 480	38 131	43 483	79 923	D
33621	Motor vehicle body and trailer manufacturing	2	19	6	539	16 126	452	807	11 480	38 131	43 483	79 923	D
336211	Motor vehicle body manufacturing	1	11	5	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	60	30	4 543	160 224	3 386	5 695	101 353	423 095	841 725	1 251 381	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	14	8	1 649	55 594	1 102	1 226	34 206	104 861	201 621	307 897	D
336312	Gasoline engine and engine parts manufacturing	—	13	8	g	D	D	D	D	D	D	D	14 133
33632	Motor vehicle electrical and electronic equipment manufacturing	5	10	5	390	12 401	321	635	8 495	23 480	23 924	47 780	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	5	10	5	390	12 401	321	635	8 495	23 480	23 924	47 780	D
33636	Motor vehicle seating and interior trim manufacturing	—	3	3	f	D	D	D	D	D	D	D	382
336360	Motor vehicle seating and interior trim manufacturing ..	—	3	3	f	D	D	D	D	D	D	D	382
33637	Motor vehicle metal stamping ..	4	4	4	570	18 175	483	970	11 352	41 962	42 041	81 701	3 629
336370	Motor vehicle metal stamping	4	4	4	570	18 175	483	970	11 352	41 962	42 041	81 701	3 629
33639	Other motor vehicle parts manufacturing	3	20	7	999	41 260	728	1 500	25 710	142 781	262 875	393 875	3 079
336399	All other motor vehicle parts manufacturing	3	19	7	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	11	5	i	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	11	5	i	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	3	2	i	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments 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)				
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
336	Transportation equipment manufacturing—Con.												
3365	Railroad rolling stock manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	6	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	361	62	6 542	194 546	5 071	9 734	129 748	587 004	422 523	1 006 343	15 366
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	'257	'26	'3 072	'88 665	'2 486	'4 693	'61 959	'266 082	'203 968	'469 486	'5 271
33711	Wood kitchen cabinet and countertop manufacturing	2	'171	'17	'2 010	'55 039	'1 656	'2 970	'39 603	'168 009	'128 604	'297 637	'3 101
337110	Wood kitchen cabinet and countertop manufacturing ..	2	'171	'17	'2 010	'55 039	'1 656	'2 970	'39 603	'168 009	'128 604	'297 637	'3 101
33712	Household and institutional furniture manufacturing	2	86	9	1 062	33 626	830	1 723	22 356	98 073	75 364	171 849	2 170
337122	Nonupholstered wood household furniture manufacturing	5	35	3	273	6 572	232	462	5 348	13 312	11 010	24 263	489
337127	Institutional furniture manufacturing	2	8	3	374	13 913	308	668	10 065	25 135	11 175	35 627	403
3372	Office furniture (including fixtures) manufacturing	6	'87	'29	'2 831	'85 970	'2 028	'3 947	'52 223	'240 193	'157 443	'394 808	'9 501
33721	Office furniture (including fixtures) manufacturing	6	'87	'29	'2 831	'85 970	'2 028	'3 947	'52 223	'240 193	'157 443	'394 808	'9 501
337211	Wood office furniture manufacturing	9	10	3	f	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing	—	'33	'11	f	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	9	10	3	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing	3	34	12	1 152	27 209	771	1 373	16 254	60 773	49 178	110 175	3 856
3379	Other furniture related product manufacturing	—	17	7	639	19 911	557	1 094	15 566	80 729	61 112	142 049	594
33791	Mattress manufacturing	—	11	5	f	D	D	D	D	D	D	D	D
337910	Mattress manufacturing	—	11	5	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	454	82	9 128	392 578	5 593	10 971	179 306	1 397 304	877 839	2 245 942	38 539
3391	Medical equipment and supplies manufacturing	1	185	31	4 644	245 958	2 553	5 006	104 524	984 695	577 137	1 536 520	21 146
33911	Medical equipment and supplies manufacturing	1	185	31	4 644	245 958	2 553	5 006	104 524	984 695	577 137	1 536 520	21 146
339112	Surgical and medical instrument manufacturing ..	—	14	5	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	5	20	8	1 023	48 474	436	882	10 637	170 427	75 059	243 588	6 805
339115	Ophthalmic goods manufacturing	—	10	5	g	D	D	D	D	D	D	D	D
339116	Dental laboratories	5	127	9	906	30 654	683	1 342	20 973	48 576	10 488	58 993	D
3399	Other miscellaneous manufacturing	2	269	51	4 484	146 620	3 040	5 965	74 782	412 609	300 702	709 422	17 393
33992	Sporting and athletic goods manufacturing	—	20	6	460	20 621	249	497	7 670	101 002	78 658	177 877	6 051
339920	Sporting and athletic goods manufacturing	—	20	6	460	20 621	249	497	7 670	101 002	78 658	177 877	6 051
33994	Office supplies (except paper) manufacturing	3	8	5	811	18 158	649	1 332	11 917	106 851	68 261	172 034	1 563
339942	Lead pencil and art good manufacturing	1	3	2	e	D	D	D	D	D	D	D	755
339943	Marking device manufacturing	9	5	3	e	D	D	D	D	D	D	D	808
33995	Sign manufacturing	2	141	20	1 646	54 947	1 022	1 944	25 563	93 394	59 690	153 731	7 035
339950	Sign manufacturing	2	141	20	1 646	54 947	1 022	1 944	25 563	93 394	59 690	153 731	7 035

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)
	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area—Con.												
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing—Con.												
33999	All other miscellaneous manufacturing	2	77	17	1 355	44 572	993	1 951	25 946	95 825	83 782	180 288	2 392
339994	Broom, brush, and mop manufacturing	6	6	4	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	1	56	11	864	29 405	627	1 195	17 303	62 559	53 426	117 082	1 319
	Cedartown, GA Micropolitan Statistical Area												
31-33	Manufacturing	—	37	15	2 662	79 019	2 219	4 571	59 571	258 971	264 914	524 993	13 464
311	Food manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	2	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	—	1	1	e	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
	Gainesville, GA Metropolitan Statistical Area												
31-33	Manufacturing	1	240	98	17 738	537 694	14 108	27 337	367 732	1 777 531	2 771 286	4 534 224	170 921
311	Food manufacturing	3	35	26	7 228	168 156	6 395	12 186	131 969	708 833	1 442 600	2 141 709	116 678
3113	Sugar and confectionery product manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	8	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	13	11	5 616	134 020	5 059	10 477	108 358	316 672	648 870	955 742	9 874
31161	Animal slaughtering and processing	1	13	11	5 616	134 020	5 059	10 477	108 358	316 672	648 870	955 742	9 874
311615	Poultry processing	1	11	10	i	D	D	D	D	D	D	D	D
313	Textile mills	1	5	4	917	26 836	820	1 720	22 243	54 229	91 199	152 207	730
3131	Fiber, yarn, and thread mills	—	3	3	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	3	3	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	1	3	2	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	2	3	2	254	5 444	197	371	3 864	8 052	8 600	16 392	D
3152	Cut and sew apparel manufacturing	2	3	2	254	5 444	197	371	3 864	8 052	8 600	16 392	D
322	Paper manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
Gainesville, GA Metropolitan Statistical Area—Con.													
323	Printing and related support activities	3	20	5	423	10 073	322	330	6 177	23 148	14 573	38 621	483
3231	Printing and related support activities	3	20	5	423	10 073	322	330	6 177	23 148	14 573	38 621	483
32311	Printing	3	20	5	423	10 073	322	330	6 177	23 148	14 573	38 621	483
323110	Commercial lithographic printing	2	7	3	313	6 401	247	198	4 066	12 806	10 534	24 234	233
325	Chemical manufacturing	—	14	8	959	36 939	502	1 128	13 932	138 484	174 268	309 831	7 679
3254	Pharmaceutical and medicine manufacturing	—	5	3	444	17 100	189	400	3 800	76 962	29 868	102 126	D
32541	Pharmaceutical and medicine manufacturing	—	5	3	444	17 100	189	400	3 800	76 962	29 868	102 126	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	2	2	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
326	Plastics and rubber products manufacturing	1	12	6	449	13 492	377	778	10 593	29 914	39 639	70 131	2 519
3261	Plastics product manufacturing ..	1	10	5	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	4	19	3	277	9 612	215	465	7 197	24 464	23 572	47 977	1 196
331	Primary metal manufacturing	—	4	3	492	18 379	410	874	13 987	44 943	70 132	118 405	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	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	36	5	1 342	45 030	850	1 251	22 083	123 651	95 308	217 591	2 895
3323	Architectural and structural metals manufacturing	—	12	2	841	24 432	453	502	7 357	55 359	52 750	109 416	1 412
33232	Ornamental and architectural metal products manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	21	11	1 496	63 957	1 052	2 344	43 602	168 960	292 541	446 734	11 810
3331	Agriculture, construction, and mining machinery manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	3	1	f	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	—	7	3	300	15 235	115	265	5 414	34 809	19 661	55 007	D
33329	Other industrial machinery manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
333294	Food product machinery manufacturing	—	5	3	e	D	D	D	D	D	D	D	740
335	Electrical equipment, appliance, and component manufacturing	—	4	3	734	29 387	552	1 298	18 107	73 673	78 550	151 872	D
3353	Electrical equipment manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
335312	Motor and generator 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.]

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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
Gainesville, GA Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	—	11	8	1 730	64 476	1 322	2 578	43 548	114 152	254 302	367 809	9 511
3362	Motor vehicle body and trailer manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	8	7	g	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	4	25	4	343	11 122	276	534	7 570	20 350	5 834	26 153	545
3391	Medical equipment and supplies manufacturing	4	14	4	304	10 085	250	494	7 046	17 358	4 841	22 196	485
33911	Medical equipment and supplies manufacturing	4	14	4	304	10 085	250	494	7 046	17 358	4 841	22 196	485
339116	Dental laboratories	4	12	4	e	D	D	D	D	D	D	D	D
LaGrange, GA Micropolitan Statistical Area													
31-33	Manufacturing	—	100	56	8 724	309 716	6 740	14 015	206 200	899 387	1 096 055	2 000 679	80 323
313	Textile mills	—	14	13	2 123	68 763	1 792	3 543	51 411	173 875	229 821	406 113	52 059
3132	Fabric mills	—	10	9	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	7	6	953	26 957	865	1 639	23 523	55 692	78 893	134 009	3 393
313210	Broadwoven fabric mills	—	7	6	953	26 957	865	1 639	23 523	55 692	78 893	134 009	3 393
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
3133	Textile and fabric finishing and fabric coating mills	—	3	3	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	3	3	e	D	D	D	D	D	D	D	D
314	Textile product mills	—	11	8	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	—	7	6	1 373	40 561	1 146	2 234	30 468	147 283	268 488	418 688	5 118
31411	Carpet and rug mills	—	7	6	1 373	40 561	1 146	2 234	30 468	147 283	268 488	418 688	5 118
314110	Carpet and rug mills	—	7	6	1 373	40 561	1 146	2 234	30 468	147 283	268 488	418 688	5 118
3149	Other textile product mills	—	4	2	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ..	—	4	2	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	—	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	10	3	294	10 820	197	372	6 727	17 886	14 672	32 659	547
3231	Printing and related support activities	—	10	3	294	10 820	197	372	6 727	17 886	14 672	32 659	547
32311	Printing	—	10	3	294	10 820	197	372	6 727	17 886	14 672	32 659	547
326	Plastics and rubber products manufacturing	—	8	8	1 037	32 084	861	1 887	24 017	89 813	131 327	221 336	5 078
3261	Plastics product manufacturing ..	—	6	6	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	4	4	706	20 334	570	1 220	14 174	54 941	52 545	107 041	3 249
326199	All other plastics product manufacturing	—	4	4	706	20 334	570	1 220	14 174	54 941	52 545	107 041	3 249
333	Machinery manufacturing	1	9	7	447	18 448	254	423	6 956	66 760	50 980	117 865	1 255
3332	Industrial machinery manufacturing	2	6	4	270	11 293	137	186	3 041	23 696	16 923	40 466	504
33329	Other industrial machinery manufacturing	2	6	4	270	11 293	137	186	3 041	23 696	16 923	40 466	504

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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
LaGrange, GA Micropolitan Statistical Area—Con.													
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
336	Transportation equipment manufacturing	—	7	7	1 203	58 898	677	1 661	30 787	85 983	127 217	213 989	5 224
3363	Motor vehicle parts manufacturing	—	3	3	991	50 612	540	1 421	26 683	62 167	93 796	156 105	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	6	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
Thomaston, GA Micropolitan Statistical Area													
31-33	Manufacturing	1	23	15	2 423	73 998	1 962	4 111	53 516	222 421	266 834	488 769	11 204
313	Textile mills	2	3	2	e	D	D	D	D	D	D	D	1 112
3132	Fabric mills	2	3	2	e	D	D	D	D	D	D	D	1 112
31321	Broadwoven fabric mills	2	3	2	e	D	D	D	D	D	D	D	1 112
313210	Broadwoven fabric mills	2	3	2	e	D	D	D	D	D	D	D	1 112
314	Textile product mills	—	2	2	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	—	1	1	e	D	D	D	D	D	D	D	D
31499	All other textile product mills	—	1	1	e	D	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills	—	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	4	3	2	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	4	3	2	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	1	1	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities	—	1	1	f	D	D	D	D	D	D	D	D
32311	Printing	—	1	1	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
339992	Musical instrument manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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)				
ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.													
Valley, AL Micropolitan Statistical Area													
31-33	Manufacturing	—	37	18	4 515	135 981	4 074	8 261	116 096	334 859	414 657	750 354	12 789
313	Textile mills	—	6	6	h	D	D	D	D	D	D	D	D
3132	Fabric mills	—	5	5	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	5	5	h	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	5	5	h	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	6	3	337	12 079	286	578	9 531	30 725	67 714	99 240	2 448
327	Nonmetallic mineral product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA													
31-33	Manufacturing	1	1 245	402	48 830	1 739 559	35 418	70 825	1 094 872	4 614 897	5 179 061	9 715 688	558 880
311	Food manufacturing	2	65	31	i	D	D	D	D	D	D	D	30 242
3112	Grain and oilseed milling	—	1	1	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311225	Fats and oils refining and blending	—	1	1	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	3	3	g	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
311511	Fluid milk manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	17	9	h	D	D	D	D	D	D	D	7 478
31161	Animal slaughtering and processing	2	17	9	h	D	D	D	D	D	D	D	7 478
311615	Poultry processing	2	4	4	h	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	20	10	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	18	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	8	6	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	4	15	6	g	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
31192	Coffee and tea manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	5	9	3	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	2	4	3	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	—	3	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	1	1	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	—	1	1	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	1	1	e	D	D	D	D	D	D	D	D
3132	Fabric mills	—	2	1	f	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery	—	1	1	f	D	D	D	D	D	D	D	D
313221	Narrow fabric mills	—	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	2	25	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments 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)				
BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.													
321	Wood product manufacturing	1	62	23	2 079	55 145	1 834	3 641	43 309	127 270	267 440	398 829	8 224
3211	Sawmills and wood preservation ..	2	17	11	f	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	2	17	11	f	D	D	D	D	D	D	D	D
321113	Sawmills	3	12	6	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	7	5	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	38	7	f	D	D	D	D	D	D	D	D
32191	Millwork	—	16	5	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	4	4	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	16	10	1 015	37 123	747	1 456	21 737	90 383	173 583	262 689	10 930
3222	Converted paper product manufacturing	—	16	10	1 015	37 123	747	1 456	21 737	90 383	173 583	262 689	10 930
32221	Paperboard container manufacturing	—	8	7	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	8	7	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	135	24	2 536	85 654	1 619	3 214	45 899	215 230	133 113	347 691	58 605
3231	Printing and related support activities	1	135	24	2 536	85 654	1 619	3 214	45 899	215 230	133 113	347 691	58 605
32311	Printing	1	125	23	2 468	83 161	1 568	3 121	44 373	208 931	131 537	339 816	58 202
323110	Commercial lithographic printing	—	52	16	g	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	—	10	4	635	31 437	488	1 140	22 444	97 417	125 189	221 282	D
3241	Petroleum and coal products manufacturing	—	10	4	635	31 437	488	1 140	22 444	97 417	125 189	221 282	D
32419	Other petroleum and coal products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
324199	All other petroleum and coal products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	42	20	f	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	—	14	8	e	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	—	12	8	e	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing	—	12	8	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	36	14	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	25	10	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	16	7	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	11	7	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	1	11	4	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	113	33	h	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	—	12	7	508	19 399	386	777	13 180	52 185	38 682	90 725	1 896
32712	Clay building material and refractories manufacturing	—	12	7	508	19 399	386	777	13 180	52 185	38 682	90 725	1 896
327124	Clay refractory manufacturing	—	8	5	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	68	13	g	D	D	D	D	D	D	D	D
32731	Cement manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
327310	Cement manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	3	44	2	f	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing	3	44	2	f	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	7	14	5	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing	7	14	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)				
BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3274	Lime and gypsum product manufacturing	1	8	7	e	D	D	D	D	D	D	D	D
32741	Lime manufacturing	—	5	5	e	D	D	D	D	D	D	D	1 769
327410	Lime manufacturing	—	5	5	e	D	D	D	D	D	D	D	1 769
3279	Other nonmetallic mineral product manufacturing	1	21	6	e	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	1	20	6	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	48	31	i	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	—	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
33111	Iron and steel mills and ferroalloy manufacturing	—	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
331111	Iron and steel mills	—	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
3312	Steel product manufacturing from purchased steel	—	6	4	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	7	3	379	9 159	279	534	6 024	30 305	45 293	76 279	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	—	5	2	e	D	D	D	D	D	D	D	D
3315	Foundries	—	25	16	h	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	15	10	4 348	213 569	3 268	7 499	144 754	429 396	399 371	808 724	D
331511	Iron foundries	—	10	9	h	D	D	D	D	D	D	D	37 894
332	Fabricated metal product manufacturing	1	'320	'106	'7 512	'258 822	'5 381	'10 492	'155 787	'631 217	'582 297	'1 218 326	'48 193
3321	Forging and stamping	—	14	7	f	D	D	D	D	D	D	D	D
33211	Forging and stamping	—	14	7	f	D	D	D	D	D	D	D	D
332116	Metal stamping	—	8	4	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	'120	'48	'3 094	'101 282	'2 120	'3 938	'58 272	'268 888	'219 218	'486 169	D
33231	Plate work and fabricated structural product manufacturing	1	'71	'31	'1 822	'63 072	'1 236	'2 318	'36 415	'146 272	'143 434	'288 281	D
332311	Prefabricated metal building and component manufacturing	4	8	2	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	1	52	22	g	D	D	D	D	D	D	D	D
332313	Plate work manufacturing	—	'11	'7	'377	'13 647	'262	'600	'8 314	'23 744	'15 266	'39 300	'546
33232	Ornamental and architectural metal products manufacturing	1	49	17	1 272	38 210	884	1 620	21 857	122 616	75 784	197 888	D
332322	Sheet metal work manufacturing	2	19	8	f	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	—	21	7	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	—	7	3	311	11 719	182	390	8 445	35 264	70 848	107 228	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	103	24	g	D	D	D	D	D	D	D	D
33271	Machine shops	2	93	17	f	D	D	D	D	D	D	D	D
332710	Machine shops	2	93	17	f	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	—	10	7	f	D	D	D	D	D	D	D	D
332722	Bolt, nut, screw, rivet, and washer manufacturing	—	5	5	380	14 102	271	558	6 884	46 286	43 851	89 156	5 477
3328	Coating, engraving, heat treating, and allied activities	—	18	10	500	16 805	417	776	12 350	41 897	30 711	73 032	2 493
33281	Coating, engraving, heat treating, and allied activities ..	—	18	10	500	16 805	417	776	12 350	41 897	30 711	73 032	2 493
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	12	8	415	13 630	349	631	10 119	35 659	29 237	65 315	1 717

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)				
	BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing	1	40	10	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	35	9	f	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing	—	10	5	371	12 656	298	543	7 732	47 775	25 501	78 200	D
332999	All other miscellaneous fabricated metal product manufacturing	—	14	3	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	'77	'31	'3 102	'117 136	'2 064	'4 011	'65 313	'212 992	'305 855	'508 046	'7 673
3331	Agriculture, construction, and mining machinery manufacturing	—	6	2	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	6	11	5	558	22 048	316	679	10 238	39 642	24 634	64 538	783
33329	Other industrial machinery manufacturing	6	9	5	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	8	3	2	372	14 766	183	372	6 106	26 621	14 696	41 318	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	11	9	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	11	9	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	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	'2	'30	'13	'1 065	'37 945	'716	'1 312	'21 363	'105 323	'76 717	'155 843	'2 552
33392	Material handling equipment manufacturing	3	'16	'8	'599	'18 224	'375	'726	'9 372	'35 182	'52 441	'86 323	'1 339
333922	Conveyor and conveying equipment manufacturing ..	—	'8	'3	e	D	D	D	D	D	D	D	'362
333923	Overhead traveling crane, hoist, and monorail system manufacturing	5	6	4	295	9 576	186	334	4 833	20 191	31 190	47 584	977
33399	All other general purpose machinery manufacturing	2	12	5	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	2	7	4	354	15 214	259	410	9 232	59 403	18 177	52 563	1 107
334	Computer and electronic product manufacturing	1	19	5	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	—	9	4	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	9	4	e	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	3	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	1	35	15	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	3	17	7	561	21 619	344	700	9 675	37 877	38 978	76 481	D
33531	Electrical equipment manufacturing	3	17	7	561	21 619	344	700	9 675	37 877	38 978	76 481	D
335312	Motor and generator manufacturing	5	5	3	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	16	8	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	—	11	6	f	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	—	7	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	—	35	13	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	3	10	3	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	3	10	3	e	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	3	3	2	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	15	7	f	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping ..	—	1	1	e	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	1	1	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	94	21	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	75	9	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	4	53	3	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	4	53	3	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	2	22	6	f	D	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	13	8	623	16 146	486	956	9 632	28 386	17 603	45 791	2 898
33721	Office furniture (including fixtures) manufacturing	2	13	8	623	16 146	486	956	9 632	28 386	17 603	45 791	2 898
337215	Showcase, partition, shelving, and locker manufacturing	1	5	3	420	8 455	334	659	5 217	12 124	12 941	24 117	D
3379	Other furniture related product manufacturing	3	6	4	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	91	13	1 504	45 879	1 008	1 889	23 532	107 973	81 164	188 331	D
3391	Medical equipment and supplies manufacturing	5	41	3	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	5	41	3	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	3	50	10	g	D	D	D	D	D	D	D	D
33995	Sign manufacturing	5	21	6	e	D	D	D	D	D	D	D	D
339950	Sign manufacturing	5	21	6	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	1	14	3	718	21 852	461	904	9 749	54 265	52 794	106 249	D
339999	All other miscellaneous manufacturing	—	10	1	551	16 773	323	615	6 477	43 371	45 381	87 943	D
Birmingham-Hoover, AL Metropolitan Statistical Area													
31-33	Manufacturing	1	1 136	367	44 106	1 592 834	31 724	63 727	995 267	4 278 673	4 670 929	8 872 138	536 835
311	Food manufacturing	2	54	29	6 718	183 661	4 567	8 815	98 856	463 558	548 593	1 009 403	29 388
3112	Grain and oilseed milling	—	1	1	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311225	Fats and oils refining and blending	—	1	1	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	3	3	g	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
311511	Fluid milk manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	3	14	7	2 417	55 307	2 174	3 957	44 668	87 700	118 008	205 763	6 735
31161	Animal slaughtering and processing	3	14	7	2 417	55 307	2 174	3 957	44 668	87 700	118 008	205 763	6 735
311615	Poultry processing	3	3	3	2 243	48 640	2 075	3 735	42 068	66 846	79 077	146 117	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)				
	BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.												
	Birmingham-Hoover, AL Metropolitan Statistical Area—Con.												
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing	—	17	10	906	25 264	505	1 000	11 862	61 829	29 270	91 027	D
31181	Bread and bakery product manufacturing	—	15	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	7	6	643	19 550	335	675	7 913	45 718	17 162	62 895	D
3119	Other food manufacturing	4	14	6	1 907	53 718	1 094	2 198	19 599	146 416	137 594	283 257	10 959
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
31192	Coffee and tea manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	5	8	3	280	8 572	235	477	5 962	21 599	22 866	44 267	2 034
312	Beverage and tobacco product manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	2	5	3	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	2	4	3	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	—	3	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	1	1	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	—	1	1	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	1	1	e	D	D	D	D	D	D	D	D
3132	Fabric mills	—	2	1	f	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery	—	1	1	f	D	D	D	D	D	D	D	D
313221	Narrow fabric mills	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	56	19	1 753	45 689	1 547	2 972	35 604	95 211	229 579	329 263	6 184
3211	Sawmills and wood preservation	2	16	11	851	23 630	744	1 672	18 034	34 322	144 748	184 174	3 758
32111	Sawmills and wood preservation	2	16	11	851	23 630	744	1 672	18 034	34 322	144 748	184 174	3 758
321113	Sawmills	3	11	6	671	18 648	598	1 392	14 412	30 721	90 374	123 005	2 958
3212	Veneer, plywood, and engineered wood product manufacturing	—	6	4	388	12 680	334	708	10 249	41 943	57 214	98 082	1 864
32121	Veneer, plywood, and engineered wood product manufacturing	—	6	4	388	12 680	334	708	10 249	41 943	57 214	98 082	1 864
3219	Other wood product manufacturing	2	34	4	514	9 379	469	592	7 321	18 946	27 617	47 007	562
32191	Millwork	1	15	4	384	6 158	357	411	4 895	13 012	20 124	33 480	266
321911	Wood window and door manufacturing	—	3	3	272	3 297	254	184	2 425	8 061	4 897	13 827	D
322	Paper manufacturing	—	12	7	500	18 916	366	607	9 689	45 020	90 941	135 703	6 889
3222	Converted paper product manufacturing	—	12	7	500	18 916	366	607	9 689	45 020	90 941	135 703	6 889
32221	Paperboard container manufacturing	—	6	5	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	6	5	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	129	23	2 492	84 626	1 583	3 175	45 257	214 147	131 769	345 258	58 387
3231	Printing and related support activities	1	129	23	2 492	84 626	1 583	3 175	45 257	214 147	131 769	345 258	58 387
32311	Printing	1	119	22	2 424	82 133	1 532	3 082	43 731	207 848	130 193	337 383	57 984
323110	Commercial lithographic printing	—	48	15	1 673	58 343	1 047	2 134	31 892	155 982	96 197	252 036	56 463
324	Petroleum and coal products manufacturing	—	10	4	635	31 437	488	1 140	22 444	97 417	125 189	221 282	D
3241	Petroleum and coal products manufacturing	—	10	4	635	31 437	488	1 140	22 444	97 417	125 189	221 282	D
32419	Other petroleum and coal products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
324199	All other petroleum and coal products 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.

[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)				
BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.													
Birmingham-Hoover, AL Metropolitan Statistical Area—Con.													
325	Chemical manufacturing	-	37	18	909	39 126	613	1 265	21 727	235 413	206 549	441 475	13 305
3255	Paint, coating, and adhesive manufacturing	-	10	6	e	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing	-	8	6	276	15 292	177	386	8 429	159 226	128 720	287 886	5 314
325510	Paint and coating manufacturing	-	8	6	276	15 292	177	386	8 429	159 226	128 720	287 886	5 314
326	Plastics and rubber products manufacturing	-	33	11	1 370	40 391	1 173	2 327	30 996	141 188	118 885	257 278	16 140
3261	Plastics product manufacturing ..	-	24	9	1 167	32 784	1 022	1 994	25 975	122 600	105 182	225 670	14 658
32619	Other plastics product manufacturing	-	15	6	973	26 580	872	1 712	22 206	97 316	80 042	174 127	12 734
326199	All other plastics product manufacturing	-	10	6	922	25 133	839	1 646	21 437	94 444	78 201	169 429	12 575
327	Nonmetallic mineral product manufacturing	2	107	33	2 951	115 014	2 284	4 727	79 197	442 022	336 934	776 361	D
3271	Clay product and refractory manufacturing	-	12	7	508	19 399	386	777	13 180	52 185	38 682	90 725	1 896
32712	Clay building material and refractories manufacturing	-	12	7	508	19 399	386	777	13 180	52 185	38 682	90 725	1 896
327124	Clay refractory manufacturing	-	8	5	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	2	64	13	1 576	61 768	1 258	2 580	43 743	260 689	204 666	461 083	D
32731	Cement manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
327310	Cement manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	3	41	2	489	17 492	434	933	14 957	69 682	75 976	145 366	D
327320	Ready-mix concrete manufacturing	3	41	2	489	17 492	434	933	14 957	69 682	75 976	145 366	D
32739	Other concrete product manufacturing	7	13	5	471	12 266	383	706	7 437	60 183	43 731	104 571	3 055
327390	Other concrete product manufacturing	7	13	5	471	12 266	383	706	7 437	60 183	43 731	104 571	3 055
3274	Lime and gypsum product manufacturing	1	8	7	e	D	D	D	D	D	D	D	D
32741	Lime manufacturing	-	5	5	e	D	D	D	D	D	D	D	1 769
327410	Lime manufacturing	-	5	5	e	D	D	D	D	D	D	D	1 769
3279	Other nonmetallic mineral product manufacturing	1	19	6	402	14 950	264	577	8 584	37 396	38 531	77 025	D
32799	All other nonmetallic mineral product manufacturing	1	18	6	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	47	31	8 539	408 565	6 455	14 097	283 147	1 073 480	1 402 748	2 425 711	60 538
3311	Iron and steel mills and ferroalloy manufacturing	-	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
33111	Iron and steel mills and ferroalloy manufacturing	-	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
331111	Iron and steel mills	-	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
3312	Steel product manufacturing from purchased steel	-	6	4	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	-	7	3	379	9 159	279	534	6 024	30 305	45 293	76 279	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	-	5	2	e	D	D	D	D	D	D	D	D
3315	Foundries	-	24	16	4 554	220 222	3 422	7 793	148 508	440 183	405 545	826 029	D
33151	Ferrous metal foundries	-	15	10	4 348	213 569	3 268	7 499	144 754	429 396	399 371	808 724	D
331511	Iron foundries	-	10	9	h	D	D	D	D	D	D	D	37 894

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)				
	BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.												
	Birmingham-Hoover, AL Metropolitan Statistical Area—Con.												
332	Fabricated metal product manufacturing	1	'285	'97	'6 469	'226 777	'4 584	'8 999	'133 517	'567 709	'493 393	'1 065 960	'41 439
3321	Forging and stamping.....	—	12	6	598	24 631	370	817	9 057	37 103	54 305	91 324	2 192
33211	Forging and stamping.....	—	12	6	598	24 631	370	817	9 057	37 103	54 305	91 324	2 192
3323	Architectural and structural metals manufacturing	2	'109	'44	'2 795	'93 136	'1 920	'3 713	'53 289	'256 822	'173 686	'429 662	'9 149
33231	Plate work and fabricated structural product manufacturing	2	'63	'27	'1 531	'55 186	'1 042	'2 103	'31 591	'134 675	'98 278	'232 619	'5 887
332312	Fabricated structural metal manufacturing	1	46	19	1 054	38 095	709	1 367	21 253	102 796	73 874	176 046	5 029
332313	Plate work manufacturing	—	'11	'7	'377	'13 647	'262	'600	'8 314	'23 744	'15 266	'39 300	'546
33232	Ornamental and architectural metal products manufacturing	1	46	17	1 264	37 950	878	1 610	21 698	122 147	75 408	197 043	3 262
332322	Sheet metal work manufacturing	1	18	8	708	18 216	531	937	11 559	81 359	46 924	127 985	2 164
332323	Ornamental and architectural metal work manufacturing ..	—	20	7	473	16 996	287	541	8 237	35 380	24 413	59 538	952
3324	Boiler, tank, and shipping container manufacturing	—	7	3	311	11 719	182	390	8 445	35 264	70 848	107 228	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	93	23	1 372	49 357	1 009	1 956	30 683	107 331	78 679	185 185	9 696
33271	Machine shops	2	85	17	937	33 705	694	1 327	22 712	55 182	33 487	88 825	4 148
332710	Machine shops	2	85	17	937	33 705	694	1 327	22 712	55 182	33 487	88 825	4 148
33272	Turned product and screw, nut, and bolt manufacturing	—	8	6	435	15 652	315	629	7 971	52 149	45 192	96 360	5 548
332722	Bolt, nut, screw, rivet, and washer manufacturing	—	5	5	380	14 102	271	558	6 884	46 286	43 851	89 156	5 477
3328	Coating, engraving, heat treating, and allied activities	—	18	10	500	16 805	417	776	12 350	41 897	30 711	73 032	2 493
33281	Coating, engraving, heat treating, and allied activities ..	—	18	10	500	16 805	417	776	12 350	41 897	30 711	73 032	2 493
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	12	8	415	13 630	349	631	10 119	35 659	29 237	65 315	1 717
3329	Other fabricated metal product manufacturing	—	33	9	721	25 377	564	1 093	16 059	78 958	70 937	155 607	9 695
33299	All other fabricated metal product manufacturing	—	29	9	706	24 771	553	1 073	15 717	77 388	70 068	153 168	9 648
332996	Fabricated pipe and pipe fitting manufacturing	—	10	5	371	12 656	298	543	7 732	47 775	25 501	78 200	D
332999	All other miscellaneous fabricated metal product manufacturing	—	13	3	275	10 254	210	433	6 708	25 488	43 296	69 518	5 496
333	Machinery manufacturing	2	'72	'28	'2 728	'103 693	'1 833	'3 540	'58 002	'204 882	'264 850	'453 454	'7 218
3331	Agriculture, construction, and mining machinery manufacturing	—	5	1	e	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	6	11	5	558	22 048	316	679	10 238	39 642	24 634	64 538	783
33329	Other industrial machinery manufacturing	6	9	5	f	D	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing	8	3	2	372	14 766	183	372	6 106	26 621	14 696	41 318	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	8	7	444	14 305	328	668	8 298	34 753	28 287	63 202	1 070
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	8	7	444	14 305	328	668	8 298	34 753	28 287	63 202	1 070

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)				
	BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.												
	Birmingham-Hoover, AL Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing	'2	'30	'13	'1 065	'37 945	'716	'1 312	'21 363	'105 323	'76 717	'155 843	'2 552
33392	Material handling equipment manufacturing	3	'16	'8	'599	'18 224	'375	'726	'9 372	'35 182	'52 441	'86 323	'1 339
333922	Conveyor and conveying equipment manufacturing ..	—	'8	'3	e	D	D	D	D	D	D	D	'362
333923	Overhead traveling crane, hoist, and monorail system manufacturing	5	6	4	295	9 576	186	334	4 833	20 191	31 190	47 584	977
33399	All other general purpose machinery manufacturing	2	12	5	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	2	7	4	354	15 214	259	410	9 232	59 403	18 177	52 563	1 107
334	Computer and electronic product manufacturing	1	17	4	311	15 656	116	227	2 684	30 534	22 981	53 004	D
335	Electrical equipment, appliance, and component manufacturing	1	34	14	1 056	38 384	723	1 456	19 984	137 468	84 768	215 378	11 922
3353	Electrical equipment manufacturing	3	17	7	561	21 619	344	700	9 675	37 877	38 978	76 481	D
33531	Electrical equipment manufacturing	3	17	7	561	21 619	344	700	9 675	37 877	38 978	76 481	D
335312	Motor and generator manufacturing	5	5	3	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	15	7	e	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing	—	10	5	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	30	10	2 167	90 567	1 582	3 103	71 212	209 303	134 814	341 970	19 185
3362	Motor vehicle body and trailer manufacturing	3	9	3	e	D	D	D	D	D	D	D	220
33621	Motor vehicle body and trailer manufacturing	3	9	3	e	D	D	D	D	D	D	D	220
336212	Truck trailer manufacturing ..	3	3	2	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	14	6	568	26 545	411	923	21 054	95 175	104 474	199 539	D
33637	Motor vehicle metal stamping ..	—	1	1	e	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	—	1	1	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	82	20	2 052	51 083	1 651	3 164	34 311	96 515	114 935	212 432	7 704
3371	Household and institutional furniture and kitchen cabinet manufacturing	2	64	9	1 251	29 443	1 037	1 949	21 477	52 045	82 397	135 698	D
33711	Wood kitchen cabinet and countertop manufacturing	4	45	3	303	8 564	227	439	5 117	14 694	14 741	29 667	484
337110	Wood kitchen cabinet and countertop manufacturing ..	4	45	3	303	8 564	227	439	5 117	14 694	14 741	29 667	484
33712	Household and institutional furniture manufacturing	1	19	6	948	20 879	810	1 510	16 360	37 351	67 656	106 031	D
337124	Metal household furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	2	13	8	623	16 146	486	956	9 632	28 386	17 603	45 791	2 898
33721	Office furniture (including fixtures) manufacturing	2	13	8	623	16 146	486	956	9 632	28 386	17 603	45 791	2 898
337215	Showcase, partition, shelving, and locker manufacturing	1	5	3	420	8 455	334	659	5 217	12 124	12 941	24 117	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)				
BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA—Con.													
Birmingham-Hoover, AL Metropolitan Statistical Area—Con.													
339	Miscellaneous manufacturing	3	87	13	1 498	45 644	1 003	1 880	23 409	107 464	80 894	187 552	4 462
3391	Medical equipment and supplies manufacturing	4	38	3	326	9 547	228	374	5 631	25 481	5 798	31 236	1 100
33911	Medical equipment and supplies manufacturing	4	38	3	326	9 547	228	374	5 631	25 481	5 798	31 236	1 100
3399	Other miscellaneous manufacturing	3	49	10	1 172	36 097	775	1 506	17 778	81 983	75 096	156 316	3 362
33995	Sign manufacturing	5	20	6	374	11 882	259	530	6 927	21 083	15 154	36 300	D
339950	Sign manufacturing	5	20	6	374	11 882	259	530	6 927	21 083	15 154	36 300	D
33999	All other miscellaneous manufacturing	1	14	3	718	21 852	461	904	9 749	54 265	52 794	106 249	D
339999	All other miscellaneous manufacturing	—	10	1	551	16 773	323	615	6 477	43 371	45 381	87 943	D
Cullman, AL Micropolitan Statistical Area													
31-33	Manufacturing	—	109	35	4 724	146 725	3 694	7 098	99 605	336 224	508 132	843 550	22 045
311	Food manufacturing	2	11	2	f	D	D	D	D	D	D	D	854
3116	Animal slaughtering and processing	2	3	2	f	D	D	D	D	D	D	D	743
31161	Animal slaughtering and processing	2	3	2	f	D	D	D	D	D	D	D	743
311615	Poultry processing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	6	4	326	9 456	287	669	7 705	32 059	37 861	69 566	2 040
322	Paper manufacturing	—	4	3	515	18 207	381	849	12 048	45 363	82 642	126 986	4 041
3222	Converted paper product manufacturing	—	4	3	515	18 207	381	849	12 048	45 363	82 642	126 986	4 041
32221	Paperboard container manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	35	9	1 043	32 045	797	1 493	22 270	63 508	88 904	152 366	6 754
3321	Forging and stamping	—	2	1	e	D	D	D	D	D	D	D	D
33211	Forging and stamping	—	2	1	e	D	D	D	D	D	D	D	D
332116	Metal stamping	—	2	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	11	4	299	8 146	200	225	4 983	12 066	45 532	56 507	D
33231	Plate work and fabricated structural product manufacturing	—	8	4	291	7 886	194	215	4 824	11 597	45 156	55 662	D
333	Machinery manufacturing	—	5	3	374	13 443	231	471	7 311	8 110	41 005	54 592	455
336	Transportation equipment manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system 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)				
	COLUMBUS-AUBURN-OPELIKA, GA-AL COMBINED STATISTICAL AREA												
31-33	Manufacturing	1	'309	'106	'21 431	'715 583	17 311	33 067	513 147	'2 377 424	'2 157 454	'4 511 984	131 936
311	Food manufacturing	3	15	6	h	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	2	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	2	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	2	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	5	4	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	2	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	1	16	11	h	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	5	5	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	5	5	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	5	5	f	D	D	D	D	D	D	D	D
3132	Fabric mills	2	8	5	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	2	7	5	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	2	7	5	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	—	3	1	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	2	1	e	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	—	2	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	9	12	3	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	5	2	e	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	1	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	14	3	e	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation ..	—	5	3	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	—	5	3	e	D	D	D	D	D	D	D	D
321113	Sawmills	—	5	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	10	9	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	9	8	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	6	6	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	32	4	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities	2	32	4	e	D	D	D	D	D	D	D	D
32311	Printing	2	31	4	e	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	11	3	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	12	5	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	8	5	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	6	4	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	2	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

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)				
COLUMBUS-AUBURN-OPELIKA, GA-AL COMBINED STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing	1	25	6	f	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
327121	Brick and structural clay tile manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	18	3	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
3315	Foundries	—	5	3	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	4	3	f	D	D	D	D	D	D	D	D
331511	Iron foundries	—	3	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	49	14	800	26 571	619	1 243	17 715	57 486	50 785	108 358	3 349
3323	Architectural and structural metals manufacturing	4	16	5	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	18	7	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	—	3	1	e	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
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	2	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	—	9	1	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media....	—	1	1	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media....	—	1	1	e	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	7	6	2 642	75 929	2 141	3 544	51 622	223 323	436 695	633 388	17 063
3352	Household appliance manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	2	2	g	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	1	3	3	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	—	2	2	f	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	3	12	7	g	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	3	3	3	826	34 862	664	1 299	24 731	132 726	116 756	242 330	D
33641	Aerospace product and parts manufacturing	3	3	3	826	34 862	664	1 299	24 731	132 726	116 756	242 330	D
336412	Aircraft engine and engine parts 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.]

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)				
COLUMBUS-AUBURN-OPELIKA, GA-AL COMBINED STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	—	29	4	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	25	2	f	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	—	20	1	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	—	20	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	'5	'21	6	'301	'7 670	'203	'353	'4 715	'16 143	'12 413	'28 321	D
Auburn-Opelika, AL Metropolitan Statistical Area													
31-33	Manufacturing	—	100	33	6 275	246 106	5 059	9 498	176 725	890 988	774 237	1 651 273	48 225
313	Textile mills	—	5	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills	—	2	1	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	2	1	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	2	1	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	—	3	1	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	2	1	e	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	—	2	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	5	5	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
32213	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	6	4	1 755	73 527	1 499	2 959	58 465	170 558	142 341	301 765	8 172
3261	Plastics product manufacturing ..	—	4	3	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	2	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
332	Fabricated metal product manufacturing	7	19	6	321	10 415	257	491	6 678	21 086	13 562	34 460	623
333	Machinery manufacturing	2	'7	2	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	2	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	1	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	—	1	1	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	1	1	e	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	—	4	1	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.

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COLUMBUS-AUBURN-OPELIKA, GA-AL COMBINED STATISTICAL AREA—Con.													
Columbus, GA-AL Metropolitan Statistical Area													
31-33	Manufacturing	2	'202	'73	'15 128	'468 507	12 232	23 531	335 889	'1 484 662	'1 381 649	'2 857 370	83 595
311	Food manufacturing	3	12	5	3 501	88 955	3 001	5 728	71 121	456 542	123 446	584 036	18 445
3116	Animal slaughtering and processing	2	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	2	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	2	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	4	3	1 304	49 584	941	1 998	36 728	344 203	115 293	459 452	D
31181	Bread and bakery product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	1	1	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
313	Textile mills	1	11	9	2 736	83 167	2 184	4 461	61 915	162 539	141 345	311 474	25 604
3131	Fiber, yarn, and thread mills	—	5	5	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	—	5	5	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	5	5	f	D	D	D	D	D	D	D	D
3132	Fabric mills	2	6	4	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	2	5	4	1 997	64 466	1 577	3 206	47 335	141 860	111 319	251 478	D
313210	Broadwoven fabric mills	2	5	4	1 997	64 466	1 577	3 206	47 335	141 860	111 319	251 478	D
314	Textile product mills	9	8	2	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	3	1	e	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	1	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	2	5	4	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	21	2	321	11 638	195	402	5 631	21 635	14 890	36 577	817
3231	Printing and related support activities	2	21	2	321	11 638	195	402	5 631	21 635	14 890	36 577	817
32311	Printing	2	20	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	9	5	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	1	'16	'5	'675	'22 903	557	1 127	17 125	'64 261	'34 951	'98 886	2 496
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
327121	Brick and structural clay tile manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	3	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	3	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries	—	3	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	30	8	479	16 156	362	752	11 037	36 400	37 223	73 898	2 726
333	Machinery manufacturing	—	11	5	814	28 984	640	1 276	17 173	86 907	132 183	221 285	1 989
3332	Industrial machinery manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	—	3	1	e	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

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COLUMBUS-AUBURN-OPELIKA, GA-AL COMBINED STATISTICAL AREA—Con.													
Columbus, GA-AL Metropolitan Statistical Area—Con.													
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	7	6	2 642	75 929	2 141	3 544	51 622	223 323	436 695	633 388	17 063
3352	Household appliance manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	2	2	g	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	1	3	3	f	D	D	D	D	D	D	D	D
33591	Battery manufacturing	—	2	2	f	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	3	11	7	1 047	41 674	850	1 672	30 032	149 171	136 671	278 296	6 230
3364	Aerospace product and parts manufacturing	3	3	3	826	34 862	664	1 299	24 731	132 726	116 756	242 330	D
33641	Aerospace product and parts manufacturing	3	3	3	826	34 862	664	1 299	24 731	132 726	116 756	242 330	D
336412	Aircraft engine and engine parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	22	2	371	9 154	302	600	5 921	18 513	18 625	36 520	694
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	20	1	e	D	D	D	D	D	D	D	D
DOTHAN-ENTERPRISE-OZARK, AL COMBINED STATISTICAL AREA													
31-33	Manufacturing	—	233	75	13 179	372 312	9 920	19 230	243 527	989 100	1 419 041	2 428 242	53 461
311	Food manufacturing	—	26	13	3 781	86 947	2 811	5 496	59 951	285 845	433 672	729 394	8 662
3115	Dairy product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	9	4	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	9	4	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	4	3	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	5	3	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	3	1	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
311911	Roasted nuts and peanut butter manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

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)				
DOTHAN-ENTERPRISE-OZARK, AL COMBINED STATISTICAL AREA—Con.													
313	Textile mills	—	4	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills	—	1	1	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	1	1	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	—	8	5	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	—	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	—	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
315291	Infants' cut and sew apparel manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	15	6	e	D	D	D	D	D	D	D	1 545
326	Plastics and rubber products manufacturing	—	12	4	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	44	12	'1 560	'46 905	'1 163	'2 435	'29 673	'105 162	'110 231	'216 372	'4 604
3323	Architectural and structural metals manufacturing	1	21	9	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	1	10	5	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	—	6	5	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	11	4	f	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	—	1	1	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media	—	1	1	e	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	12	6	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	6	4	e	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
337	Furniture and related product manufacturing	—	20	4	305	7 770	224	451	4 810	25 746	26 760	54 242	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	19	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	24	5	849	27 149	621	1 248	15 388	24 625	36 250	66 530	D
3399	Other miscellaneous manufacturing	—	14	3	704	23 868	497	1 014	12 898	15 057	29 133	50 385	D
33995	Sign manufacturing	—	8	2	f	D	D	D	D	D	D	D	D
339950	Sign manufacturing	—	8	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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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	DOTHAN-ENTERPRISE-OZARK, AL COMBINED STATISTICAL AREA—Con.												
	Dothan, AL Metropolitan Statistical Area												
31-33	Manufacturing	-	161	53	9 391	286 799	7 103	13 893	189 490	779 482	1 007 367	1 788 532	45 061
311	Food manufacturing	-	14	9	2 139	52 196	1 409	2 763	33 389	226 300	215 973	442 608	4 844
3115	Dairy product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	4	3	508	12 527	332	744	10 716	62 288	79 438	141 090	D
31191	Snack food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311911	Roasted nuts and peanut butter manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills	-	4	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	-	7	4	f	D	D	D	D	D	D	D	1 060
3141	Textile furnishings mills	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	14	6	466	12 851	319	700	7 165	21 908	83 969	107 291	1 545
326	Plastics and rubber products manufacturing	-	7	4	889	39 006	623	1 213	23 418	70 821	98 364	169 631	5 294
3262	Rubber product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	36	10	1 274	39 649	1 033	2 164	26 543	91 286	91 011	183 672	4 152
3323	Architectural and structural metals manufacturing	-	18	7	1 114	35 042	905	1 950	23 379	82 715	85 666	169 759	3 450
33231	Plate work and fabricated structural product manufacturing	1	9	4	317	11 966	222	482	6 399	35 745	54 286	90 076	1 721
332312	Fabricated structural metal manufacturing	1	5	4	302	11 423	211	459	6 046	34 679	53 417	88 141	1 657
33232	Ornamental and architectural metal products manufacturing	-	9	3	797	23 076	683	1 468	16 980	46 970	31 380	79 683	1 729
332322	Sheet metal work manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	-	1	1	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media	-	1	1	e	D	D	D	D	D	D	D	D
334613	Magnetic and optical recording media 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)				
DOTHAN-ENTERPRISE-OZARK, AL COMBINED STATISTICAL AREA—Con.													
Dothan, AL Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	-	7	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
337	Furniture and related product manufacturing	-	16	4	293	7 452	216	436	4 611	25 221	26 422	53 379	362
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	15	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	18	3	786	25 878	572	1 173	14 683	21 725	35 005	62 373	D
3399	Other miscellaneous manufacturing	-	11	2	681	23 409	478	993	12 642	14 015	28 760	48 967	D
33995	Sign manufacturing	-	7	2	642	22 155	446	939	11 725	12 678	26 828	45 712	D
339950	Sign manufacturing	-	7	2	642	22 155	446	939	11 725	12 678	26 828	45 712	D
Enterprise-Ozark, AL Micropolitan Statistical Area													
31-33	Manufacturing	-	72	22	3 788	85 513	2 817	5 337	54 037	209 618	411 674	639 710	8 400
311	Food manufacturing	-	12	4	1 642	34 751	1 402	2 733	26 562	59 545	217 699	286 786	3 818
3116	Animal slaughtering and processing	-	7	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	7	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	3	2	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	3	3	f	D	D	D	D	D	D	D	1 525
3152	Cut and sew apparel manufacturing	-	3	3	f	D	D	D	D	D	D	D	1 525
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
315291	Infants' cut and sew apparel manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	8	2	286	7 256	130	271	3 130	13 876	19 220	32 700	452
3323	Architectural and structural metals manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	5	4	339	8 433	279	485	6 727	27 878	26 563	54 573	564
3362	Motor vehicle body and trailer manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA													
31-33	Manufacturing	-	643	227	41 213	1 726 880	30 168	60 512	1 137 757	5 242 353	7 589 906	12 738 182	679 931
311	Food manufacturing	-	31	18	3 247	79 148	2 110	4 324	48 495	443 827	564 622	1 005 094	7 790
3112	Grain and oilseed milling	-	4	4	e	D	D	D	D	D	D	D	3 854
31122	Starch and vegetable fats and oils manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	6	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	6	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.												
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing	4	7	5	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	4	7	5	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	4	4	4	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	—	16	3	f	D	D	D	D	D	D	D	D
3149	Other textile product mills	—	10	2	f	D	D	D	D	D	D	D	D
31499	All other textile product mills	—	8	2	f	D	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	28	9	653	18 065	561	987	13 161	51 951	67 858	117 574	D
3219	Other wood product manufacturing	—	19	4	414	10 911	368	679	8 438	32 336	44 528	76 681	D
322	Paper manufacturing	—	9	6	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	1	1	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	51	7	465	14 814	357	653	9 289	40 969	22 094	64 204	D
3231	Printing and related support activities	3	51	7	465	14 814	357	653	9 289	40 969	22 094	64 204	D
32311	Printing	3	50	7	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	29	13	3 186	164 470	1 947	3 411	88 478	523 386	1 694 829	2 169 616	D
3251	Basic chemical manufacturing	—	9	2	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	4	4	g	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
325212	Synthetic rubber manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	30	15	2 712	108 689	2 242	4 531	82 303	309 644	228 244	537 805	17 942
3261	Plastics product manufacturing	—	23	13	g	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	—	7	4	345	12 665	263	536	7 069	46 668	47 182	93 434	D
326122	Plastics pipe and pipe fitting manufacturing	—	6	4	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	11	6	f	D	D	D	D	D	D	D	D
326191	Plastics plumbing fixture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	10	5	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	4	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

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)				
HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing	-	27	8	g	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	3	1	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	-	17	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	13	10	1 734	73 218	1 376	2 905	51 357	341 218	292 344	622 768	D
3311	Iron and steel mills and ferroalloy manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	2	2	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	-	6	6	g	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	-	2	2	f	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
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	-	4	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	142	37	3 621	119 951	2 768	5 686	80 066	222 776	162 812	389 289	14 079
3323	Architectural and structural metals manufacturing	1	35	11	1 037	30 606	774	1 454	19 941	64 771	55 021	117 368	3 207
33231	Plate work and fabricated structural product manufacturing	-	12	4	336	10 398	270	490	7 167	17 433	15 146	31 603	591
33232	Ornamental and architectural metal products manufacturing	1	23	7	701	20 208	504	964	12 774	47 338	39 875	85 765	2 616
332323	Ornamental and architectural metal work manufacturing ..	-	5	2	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	6	4	3	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	6	4	3	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	6	4	3	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	67	9	885	31 235	687	1 338	21 893	59 090	23 145	82 012	D
33271	Machine shops	1	59	6	f	D	D	D	D	D	D	D	D
332710	Machine shops	1	59	6	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	9	5	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	44	17	2 213	70 212	1 686	3 386	45 876	204 497	492 904	681 734	22 281
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	3	2	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	1	3	2	g	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) manufacturing	9	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	-	2	1	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	3	15	4	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	3	15	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)				
	HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.												
333 3339	Machinery manufacturing—Con. Other general purpose machinery manufacturing	3	14	5	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	'60	'35	i	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing	—	9	5	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	—	9	5	e	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	6	5	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	'28	'17	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	'28	'17	g	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	'3	'3	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	'11	'8	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	13	5	894	43 388	258	468	8 974	80 362	55 206	134 688	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	13	5	894	43 388	258	468	8 974	80 362	55 206	134 688	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	4	5	3	e	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	5	1	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	—	3	2	g	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	3	2	g	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	2	1	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	17	10	2 382	80 791	1 912	3 109	55 578	257 391	380 166	631 436	7 632
3352	Household appliance manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	1	1	g	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	9	7	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	—	4	4	f	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	—	4	4	f	D	D	D	D	D	D	D	D

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)				
HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	-	24	11	i	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	11	6	i	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	h	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	8	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	8	3	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	43	8	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	37	5	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	'62	'15	'1 140	'32 026	'931	'1 465	'22 164	'80 576	'52 766	'132 939	'4 372
3391	Medical equipment and supplies manufacturing	2	34	9	494	12 673	404	670	8 784	24 762	10 951	35 579	D
33911	Medical equipment and supplies manufacturing	2	34	9	494	12 673	404	670	8 784	24 762	10 951	35 579	D
339116	Dental laboratories	1	25	4	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	'28	'6	'646	'19 353	'527	'795	'13 380	'55 814	'41 815	'97 360	D
33999	All other miscellaneous manufacturing	-	'9	'3	f	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
Decatur, AL Metropolitan Statistical Area													
31-33	Manufacturing	-	234	82	13 705	551 166	10 734	20 278	378 071	2 095 210	3 489 910	5 484 878	413 788
311	Food manufacturing	-	16	11	1 527	42 802	1 259	2 595	29 969	341 369	435 180	775 894	5 131
3112	Grain and oilseed milling	-	4	4	e	D	D	D	D	D	D	D	3 854
31122	Starch and vegetable fats and oils manufacturing	-	3	3	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	-	5	1	f	D	D	D	D	D	D	D	13
3149	Other textile product mills	-	3	1	f	D	D	D	D	D	D	D	D
31499	All other textile product mills	-	3	1	f	D	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	17	7	544	15 162	471	842	11 092	43 371	61 044	103 448	1 131
3219	Other wood product manufacturing	-	12	4	386	10 087	345	632	7 855	30 611	42 440	72 863	518

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)				
HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.													
Decatur, AL Metropolitan Statistical Area—Con.													
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	16	8	2 687	141 808	1 655	2 765	78 373	450 352	1 641 061	2 043 927	62 921
3251	Basic chemical manufacturing ...	-	7	2	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	4	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	11	5	416	10 778	325	656	7 094	25 958	21 424	47 653	2 359
3261	Plastics product manufacturing ..	-	7	4	333	8 553	260	524	5 651	21 426	15 989	37 276	2 313
331	Primary metal manufacturing	-	6	4	1 233	54 299	1 004	2 130	39 106	290 842	231 131	511 984	D
3311	Iron and steel mills and ferroalloy manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	2	2	e	D	D	D	D	D	D	D	D
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	2	56	17	1 272	41 437	949	1 893	27 211	81 171	65 575	144 208	6 743
3323	Architectural and structural metals manufacturing	2	15	6	425	12 295	277	495	7 256	18 700	26 321	43 287	535
33232	Ornamental and architectural metal products manufacturing	2	11	4	349	9 715	225	398	5 751	13 683	22 857	35 834	295
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	24	4	299	9 924	239	466	7 426	18 377	7 364	25 477	1 390
333	Machinery manufacturing	-	16	6	1 194	33 169	1 026	2 034	24 550	113 137	198 244	309 598	6 250
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.													
Decatur, AL Metropolitan Statistical Area—Con.													
335	Electrical equipment, appliance, and component manufacturing	-	4	3	1 768	64 784	1 523	2 283	48 323	184 263	320 656	498 405	5 784
3352	Household appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	-	1	1	g	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	-	1	1	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	-	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	24	6	263	6 256	219	317	4 471	13 322	11 525	24 727	654
Huntsville, AL Metropolitan Statistical Area													
31-33	Manufacturing	-	409	145	27 508	1 175 714	19 434	40 234	759 686	3 147 143	4 099 996	7 253 304	266 143
311	Food manufacturing	1	15	7	1 720	36 346	851	1 729	18 526	102 458	129 442	229 200	2 659
3115	Dairy product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	4	5	4	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	4	5	4	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	4	3	3	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	-	4	1	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	-	11	2	315	6 336	250	540	3 940	20 370	16 658	37 140	D
322	Paper manufacturing	-	7	4	373	12 953	297	665	8 494	29 728	66 923	96 528	1 764
3222	Converted paper product manufacturing	-	7	4	373	12 953	297	665	8 494	29 728	66 923	96 528	1 764
32221	Paperboard container manufacturing	-	7	4	373	12 953	297	665	8 494	29 728	66 923	96 528	1 764
322211	Corrugated and solid fiber box manufacturing	-	7	4	373	12 953	297	665	8 494	29 728	66 923	96 528	1 764
323	Printing and related support activities	1	31	5	262	8 815	196	392	6 188	22 776	11 048	33 715	2 655
3231	Printing and related support activities	1	31	5	262	8 815	196	392	6 188	22 776	11 048	33 715	2 655
32311	Printing	1	30	5	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	13	5	499	22 662	292	646	10 105	73 034	53 768	125 689	D
3254	Pharmaceutical and medicine manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	6	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	19	10	2 296	97 911	1 917	3 875	75 209	283 686	206 820	490 152	15 583
3261	Plastics product manufacturing ..	1	16	9	f	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlined profile shape manufacturing	-	7	4	345	12 665	263	536	7 069	46 668	47 182	93 434	D
326122	Plastics pipe and pipe fitting manufacturing	-	6	4	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	7	4	f	D	D	D	D	D	D	D	D
326191	Plastics plumbing fixture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	3	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	3	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

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)				
	HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.												
	Huntsville, AL Metropolitan Statistical Area—Con.												
327	Nonmetallic mineral product manufacturing	-	18	6	974	43 852	751	1 445	30 110	147 715	89 951	215 878	8 114
3272	Glass and glass product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	3	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	7	6	501	18 919	372	775	12 251	50 376	61 213	110 784	3 028
3314	Nonferrous metal (except aluminum) production and processing	-	5	5	e	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	-	4	4	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	86	20	2 349	78 514	1 819	3 793	52 855	141 605	97 237	245 081	7 336
3323	Architectural and structural metals manufacturing	-	20	5	612	18 311	497	959	12 685	46 071	28 700	74 081	2 672
33231	Plate work and fabricated structural product manufacturing	-	8	2	260	7 818	218	393	5 662	12 416	11 682	24 150	351
33232	Ornamental and architectural metal products manufacturing	-	12	3	352	10 493	279	566	7 023	33 655	17 018	49 931	2 321
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	43	5	586	21 311	448	872	14 467	40 713	15 781	56 535	D
33271	Machine shops	1	40	4	552	20 162	421	819	13 617	38 225	15 194	53 584	1 430
332710	Machine shops	1	40	4	552	20 162	421	819	13 617	38 225	15 194	53 584	1 430
3329	Other fabricated metal product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	28	11	1 019	37 043	660	1 352	21 326	91 360	294 660	372 136	16 031
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	-	'55	'32	'7 285	'281 403	'4 216	'8 889	'110 525	'835 708	'1 643 923	'2 511 479	'67 601
3341	Computer and peripheral equipment manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	-	6	5	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.													
Huntsville, AL Metropolitan Statistical Area—Con.													
334	Computer and electronic product manufacturing—Con.												
3344	Semiconductor and other electronic component manufacturing	—	'24	'15	'1 317	'65 609	'652	'1 289	'22 702	'185 113	'533 269	'750 575	'12 819
33441	Semiconductor and other electronic component manufacturing	—	'24	'15	'1 317	'65 609	'652	'1 289	'22 702	'185 113	'533 269	'750 575	'12 819
334418	Printed circuit assembly (electronic assembly) manufacturing	—	'10	'7	'866	'44 823	'416	'865	'16 288	'102 487	'511 857	'646 874	'6 408
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	13	5	894	43 388	258	468	8 974	80 362	55 206	134 688	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	13	5	894	43 388	258	468	8 974	80 362	55 206	134 688	D
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	4	5	3	e	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	—	5	1	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	—	3	2	g	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media ...	—	3	2	g	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	2	1	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	13	7	614	16 007	389	826	7 255	73 128	59 510	133 031	1 848
3359	Other electrical equipment and component manufacturing	—	7	5	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	—	3	3	257	5 604	206	491	3 925	11 094	15 790	27 534	D
335929	Other communication and energy wire manufacturing ..	—	3	3	257	5 604	206	491	3 925	11 094	15 790	27 534	D
336	Transportation equipment manufacturing	—	20	10	7 193	446 079	5 749	12 208	355 180	1 062 202	1 195 163	2 265 591	72 616
3363	Motor vehicle parts manufacturing	—	8	5	i	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	28	5	796	30 319	607	1 229	21 614	117 866	82 175	201 930	3 485
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	24	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA—Con.												
	Huntsville, AL Metropolitan Statistical Area—Con.												
337	Furniture and related product manufacturing—Con.												
3372	Office furniture (including fixtures) manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	'38	'9	'877	'25 770	'712	'1 148	'17 693	'67 254	'41 241	'108 212	'3 718
3391	Medical equipment and supplies manufacturing	2	24	6	361	9 986	281	476	6 466	19 032	5 926	24 925	D
33911	Medical equipment and supplies manufacturing	2	24	6	361	9 986	281	476	6 466	19 032	5 926	24 925	D
339116	Dental laboratories	2	19	3	288	7 355	236	381	4 989	13 191	3 146	16 326	D
3399	Other miscellaneous manufacturing	—	'14	'3	'516	'15 784	'431	'672	'11 227	'48 222	'35 315	'83 287	D
33999	All other miscellaneous manufacturing	—	'5	'1	e	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
	MOBILE-DAPHNE-FAIRHOPE, AL COMBINED STATISTICAL AREA												
31-33	Manufacturing	—	548	166	22 709	869 870	16 324	33 306	553 380	2 871 349	3 972 211	6 838 690	256 625
311	Food manufacturing	2	40	14	1 311	34 574	794	1 415	16 368	71 722	110 883	183 041	D
3117	Seafood product preparation and packaging	3	18	9	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	3	18	9	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	3	18	9	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	9	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	9	3	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	3	3	416	13 689	252	465	6 148	19 594	17 408	36 991	D
314	Textile product mills	9	17	2	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	7	1	e	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	2	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	2	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	44	18	1 412	39 704	1 065	2 162	24 870	63 956	209 517	271 644	D
3211	Sawmills and wood preservation	—	8	5	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	—	8	5	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	31	10	f	D	D	D	D	D	D	D	D
32191	Millwork	2	15	5	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	2	12	5	f	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	—	10	4	e	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	—	10	4	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	9	8	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	2	2	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
3222	Converted paper product manufacturing	—	7	6	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	—	6	5	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	51	5	430	13 895	284	556	8 640	26 216	19 307	45 550	D
3231	Printing and related support activities	2	51	5	430	13 895	284	556	8 640	26 216	19 307	45 550	D
32311	Printing	2	50	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)				
	MOBILE-DAPHNE-FAIRHOPE, AL COMBINED STATISTICAL AREA—Con.												
324	Petroleum and coal products manufacturing	-	5	5	433	25 031	320	723	17 758	117 072	1 043 368	1 165 946	19 128
3241	Petroleum and coal products manufacturing	-	5	5	433	25 031	320	723	17 758	117 072	1 043 368	1 165 946	19 128
32412	Asphalt paving, roofing, and saturated materials manufacturing	3	3	3	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	38	21	h	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	19	13	h	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ...	-	7	5	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	8	7	g	D	D	D	D	D	D	D	D
325192	Cyclic crude and intermediate manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing ...	-	7	6	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	5	26	7	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	6	23	7	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	33	12	970	40 120	746	1 633	29 278	120 950	74 225	195 454	D
3273	Cement and concrete product manufacturing	1	20	9	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	10	3	e	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	-	9	3	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	1	1	e	D	D	D	D	D	D	D	D
3315	Foundries	-	2	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
331524	Aluminum foundries (except die-casting)	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	90	19	1 883	62 831	1 392	2 844	41 516	121 883	99 205	221 829	D
3323	Architectural and structural metals manufacturing	4	26	5	e	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	3	17	4	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing	-	9	4	e	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	-	8	3	e	D	D	D	D	D	D	D	D
332420	Metal tank (heavy gauge) manufacturing	-	8	3	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	35	4	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)				
MOBILE-DAPHNE-FAIRHOPE, AL COMBINED STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities	6	9	2	677	21 070	535	1 138	14 602	39 318	18 828	57 618	985
33281	Coating, engraving, heat treating, and allied activities ..	6	9	2	677	21 070	535	1 138	14 602	39 318	18 828	57 618	985
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	6	4	2	645	20 372	518	1 105	14 132	38 152	18 469	56 121	967
333	Machinery manufacturing	1	22	8	600	18 962	406	802	11 434	49 798	54 092	104 348	1 693
3339	Other general purpose machinery manufacturing	—	8	4	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	16	6	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	50	23	i	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	2	2	2	g	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3366	Ship and boat building	—	39	18	h	D	D	D	D	D	D	D	D
33661	Ship and boat building	—	39	18	h	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	—	27	13	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	48	6	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	40	5	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	11	3	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	6	557	15 676	358	626	8 046	39 693	60 168	97 868	D
3399	Other miscellaneous manufacturing	—	19	3	e	D	D	D	D	D	D	D	D
Daphne-Fairhope, AL Micropolitan Statistical Area													
31-33	Manufacturing	—	145	30	4 957	153 866	3 716	7 760	97 197	525 997	673 351	1 171 949	28 564
331	Primary metal manufacturing	—	3	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
331524	Aluminum foundries (except die-casting)	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	9	4	335	11 291	239	495	6 711	39 169	44 100	82 774	1 020
334	Computer and electronic product manufacturing	—	6	1	e	D	D	D	D	D	D	D	75
3344	Semiconductor and other electronic component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	—	1	1	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.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	MOBILE-DAPHNE-FAIRHOPE, AL COMBINED STATISTICAL AREA—Con.												
	Daphne-Fairhope, AL Micropolitan Statistical Area—Con.												
336	Transportation equipment manufacturing	2	6	2	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	2	3	2	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	17	1	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	16	1	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	14	3	376	11 287	237	439	5 423	31 345	55 688	84 807	1 999
3399	Other miscellaneous manufacturing	-	9	2	e	D	D	D	D	D	D	D	D
	Mobile, AL Metropolitan Statistical Area												
31-33	Manufacturing	-	403	136	17 752	716 004	12 608	25 546	456 183	2 345 352	3 298 860	5 666 741	228 061
311	Food manufacturing	2	31	12	1 085	28 532	650	1 141	13 573	56 848	80 764	137 527	14 449
3117	Seafood product preparation and packaging	6	16	8	457	7 741	309	481	4 935	14 110	22 215	36 306	D
31171	Seafood product preparation and packaging	6	16	8	457	7 741	309	481	4 935	14 110	22 215	36 306	D
311712	Fresh and frozen seafood processing	6	16	8	457	7 741	309	481	4 935	14 110	22 215	36 306	D
3118	Bakeries and tortilla manufacturing	-	7	3	434	13 980	261	477	6 287	20 132	17 714	37 835	D
31181	Bread and bakery product manufacturing	-	7	3	434	13 980	261	477	6 287	20 132	17 714	37 835	D
311812	Commercial bakeries	-	3	3	416	13 689	252	465	6 148	19 594	17 408	36 991	D
314	Textile product mills	9	12	2	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	4	1	e	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	2	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	2	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	29	14	1 250	35 054	932	1 905	21 924	55 078	194 317	248 267	3 875
3219	Other wood product manufacturing	1	22	9	899	23 414	676	1 323	13 848	42 915	89 198	131 760	2 174
32191	Millwork	2	10	5	652	18 253	465	932	9 958	28 655	70 821	98 907	1 458
321911	Wood window and door manufacturing	2	10	5	652	18 253	465	932	9 958	28 655	70 821	98 907	1 458
322	Paper manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	2	2	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
324	Petroleum and coal products manufacturing	-	5	5	433	25 031	320	723	17 758	117 072	1 043 368	1 165 946	19 128
3241	Petroleum and coal products manufacturing	-	5	5	433	25 031	320	723	17 758	117 072	1 043 368	1 165 946	19 128
32412	Asphalt paving, roofing, and saturated materials manufacturing	3	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	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)				
	MOBILE-DAPHNE-FAIRHOPE, AL COMBINED STATISTICAL AREA—Con.												
	Mobile, AL Metropolitan Statistical Area—Con.												
325	Chemical manufacturing	-	33	21	3 530	199 006	1 990	4 295	97 181	758 661	840 459	1 580 953	91 107
3251	Basic chemical manufacturing ...	-	17	13	2 541	148 691	1 400	3 032	70 431	381 677	559 424	945 409	D
32518	Other basic inorganic chemical manufacturing	-	6	5	707	41 404	413	952	23 500	197 710	138 539	345 592	D
325188	All other basic inorganic chemical manufacturing	-	6	5	707	41 404	413	952	23 500	197 710	138 539	345 592	D
32519	Other basic organic chemical manufacturing	-	7	7	g	D	D	D	D	D	D	D	D
325192	Cyclic crude and intermediate manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	6	6	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
32532	Pesticide and other agricultural chemical manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	5	17	7	297	8 941	204	414	5 148	18 222	18 877	36 966	2 535
3261	Plastics product manufacturing ..	6	15	7	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	22	8	757	32 615	562	1 211	23 162	98 585	57 599	156 661	7 659
3273	Cement and concrete product manufacturing	1	12	6	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	8	2	327	14 463	278	647	11 359	54 590	26 029	80 210	D
32799	All other nonmetallic mineral product manufacturing	-	7	2	e	D	D	D	D	D	D	D	D
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	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	4	72	17	1 687	56 674	1 289	2 640	38 326	110 433	93 274	203 906	4 616
3324	Boiler, tank, and shipping container manufacturing	-	8	4	e	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	-	7	3	307	11 004	218	461	7 045	22 705	41 736	65 963	608
332420	Metal tank (heavy gauge) manufacturing	-	7	3	307	11 004	218	461	7 045	22 705	41 736	65 963	608
3328	Coating, engraving, heat treating, and allied activities	6	9	2	677	21 070	535	1 138	14 602	39 318	18 828	57 618	985
33281	Coating, engraving, heat treating, and allied activities ..	6	9	2	677	21 070	535	1 138	14 602	39 318	18 828	57 618	985
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	6	4	2	645	20 372	518	1 105	14 132	38 152	18 469	56 121	967
333	Machinery manufacturing	2	13	4	265	7 671	167	307	4 723	10 629	9 992	21 574	673
334	Computer and electronic product manufacturing	1	10	5	495	17 931	251	484	7 178	36 199	33 426	70 799	D
336	Transportation equipment manufacturing	-	44	21	4 749	180 016	3 742	7 533	138 383	293 552	264 215	565 448	D
3364	Aerospace product and parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	1	1	g	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
3366	Ship and boat building	-	38	18	3 026	105 259	2 581	4 781	84 409	145 508	169 105	314 613	D
33661	Ship and boat building	-	38	18	3 026	105 259	2 581	4 781	84 409	145 508	169 105	314 613	D
336611	Ship building and repairing ..	-	27	13	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]

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)				
	MOBILE-DAPHNE-FAIRHOPE, AL COMBINED STATISTICAL AREA—Con.												
	Mobile, AL Metropolitan Statistical Area—Con.												
337	Furniture and related product manufacturing	1	31	5	368	10 020	310	589	7 096	20 712	15 673	36 616	478
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	24	4	297	8 031	254	473	5 906	16 238	11 852	28 333	280
	ALBERTVILLE, AL MICROPOLITAN STATISTICAL AREA												
31-33	Manufacturing	1	134	55	11 446	298 336	9 628	19 119	216 583	816 576	1 299 635	2 112 403	43 212
311	Food manufacturing	1	16	11	5 410	115 597	4 954	9 792	97 552	348 875	642 275	993 996	11 540
3116	Animal slaughtering and processing	1	7	7	5 233	109 130	4 849	9 569	94 226	271 270	299 899	572 175	11 091
31161	Animal slaughtering and processing	1	7	7	5 233	109 130	4 849	9 569	94 226	271 270	299 899	572 175	11 091
311615	Poultry processing	1	7	7	5 233	109 130	4 849	9 569	94 226	271 270	299 899	572 175	11 091
313	Textile mills	—	3	2	447	11 187	414	833	9 399	20 703	15 998	37 321	D
321	Wood product manufacturing	3	8	5	949	24 399	812	1 497	17 743	46 271	78 512	124 083	3 795
3219	Other wood product manufacturing	4	5	4	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	10	4	341	8 867	293	597	6 710	16 744	24 896	42 981	733
3261	Plastics product manufacturing ..	1	7	3	307	8 064	264	544	6 035	14 287	17 891	33 706	683
332	Fabricated metal product manufacturing	—	25	6	973	35 523	775	1 628	24 610	99 049	97 382	188 513	11 166
3329	Other fabricated metal product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	11	6	695	27 245	419	884	12 727	52 436	60 883	113 683	959
3339	Other general purpose machinery manufacturing	—	6	4	464	17 325	252	533	6 777	26 439	51 869	80 010	D
33399	All other general purpose machinery manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	—	5	3	339	7 244	192	393	3 184	16 999	61 567	79 399	D
3344	Semiconductor and other electronic component manufacturing	—	5	3	339	7 244	192	393	3 184	16 999	61 567	79 399	D
33441	Semiconductor and other electronic component manufacturing	—	5	3	339	7 244	192	393	3 184	16 999	61 567	79 399	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	7	4	736	22 645	591	1 238	14 437	65 660	210 380	271 710	9 022
3363	Motor vehicle parts manufacturing	1	3	3	667	20 241	540	1 127	12 912	59 529	204 003	259 420	D
33636	Motor vehicle seating and interior trim manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D

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)				
ALBERTVILLE, AL MICROPOLITAN STATISTICAL AREA—Con.													
339	Miscellaneous manufacturing	-	14	7	815	24 479	566	1 181	14 426	56 800	38 086	101 404	D
3391	Medical equipment and supplies manufacturing	-	6	2	445	13 199	305	624	8 301	26 194	13 651	45 874	D
33911	Medical equipment and supplies manufacturing	-	6	2	445	13 199	305	624	8 301	26 194	13 651	45 874	D
339113	Surgical appliance and supplies manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	8	5	370	11 280	261	557	6 125	30 606	24 435	55 530	382
33999	All other miscellaneous manufacturing	-	6	5	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	-	5	4	e	D	D	D	D	D	D	D	D
ANNISTON-OXFORD, AL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	150	61	9 368	286 756	7 210	14 253	188 782	995 122	1 029 271	2 020 839	47 943
313	Textile mills	-	4	4	494	10 801	412	725	7 978	26 459	29 296	54 928	D
3132	Fabric mills	-	3	3	474	10 283	393	688	7 523	26 459	29 296	54 928	D
31322	Narrow fabric mills and schiffli machine embroidery	-	3	3	474	10 283	393	688	7 523	26 459	29 296	54 928	D
313221	Narrow fabric mills	-	3	3	474	10 283	393	688	7 523	26 459	29 296	54 928	D
314	Textile product mills	-	5	3	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	3	3	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	-	2	2	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	-	2	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	9	5	2	424	6 314	402	672	5 309	13 568	3 361	16 892	235
3152	Cut and sew apparel manufacturing	9	4	2	e	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	9	3	1	e	D	D	D	D	D	D	D	D
315211	Men's and boys' cut and sew apparel contractors	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	11	5	419	9 695	319	631	7 056	21 963	15 448	37 433	710
3219	Other wood product manufacturing	-	9	4	e	D	D	D	D	D	D	D	D
32191	Millwork	-	3	2	e	D	D	D	D	D	D	D	205
323	Printing and related support activities	-	14	3	362	7 624	137	288	3 384	69 839	17 460	85 385	589
3231	Printing and related support activities	-	14	3	362	7 624	137	288	3 384	69 839	17 460	85 385	589
32311	Printing	-	14	3	362	7 624	137	288	3 384	69 839	17 460	85 385	589
323116	Manifold business forms printing	-	1	1	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	11	7	1 125	41 848	915	1 903	28 383	82 266	100 257	176 108	11 516
3315	Foundries	1	9	6	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	8	6	g	D	D	D	D	D	D	D	D
331511	Iron foundries	1	6	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	37	13	2 685	90 050	2 102	4 038	57 709	261 710	222 724	494 658	8 787
3321	Forging and stamping	-	2	1	e	D	D	D	D	D	D	D	D
33211	Forging and stamping	-	2	1	e	D	D	D	D	D	D	D	D
332111	Iron and steel forging	-	2	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	6	2	393	11 933	326	398	7 022	18 939	35 438	54 137	D
33231	Plate work and fabricated structural product manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	-	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	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)				
ANNISTON-OXFORD, AL METROPOLITAN STATISTICAL AREA—Con.													
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing	-	6	6	1 537	52 084	1 222	2 556	34 897	181 510	113 983	306 999	3 266
33291	Metal valve manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	6	4	1 485	52 656	968	2 052	30 992	192 635	408 420	609 426	4 706
3362	Motor vehicle body and trailer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
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
336412	Aircraft engine and engine parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	14	2	503	13 750	414	838	9 115	44 537	24 670	67 766	692
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	11	1	e	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	-	10	1	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	-	10	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	3	16	6	447	10 913	385	814	8 214	27 657	20 654	48 873	D
FLORENCE, AL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	213	68	7 700	273 772	5 656	10 980	187 973	730 964	1 187 486	1 835 677	57 052
311	Food manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	9	8	4	f	D	D	D	D	D	D	D	167
3151	Apparel knitting mills	9	2	2	e	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	9	2	2	e	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	9	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	19	11	671	16 822	547	1 056	12 714	37 281	80 372	116 827	1 415
3219	Other wood product manufacturing	3	10	8	504	10 664	420	812	8 241	23 782	15 909	39 010	774
325	Chemical manufacturing	-	8	5	414	20 810	208	420	10 053	77 002	92 654	170 952	5 788
326	Plastics and rubber products manufacturing	3	16	8	1 003	31 473	671	1 212	18 674	69 729	56 884	126 925	3 708
3261	Plastics product manufacturing ..	3	8	5	787	24 575	504	877	13 538	51 371	40 762	93 080	D
32619	Other plastics product manufacturing	4	5	4	f	D	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	4	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	15	3	291	10 321	200	422	6 672	35 556	25 316	61 931	3 306

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)				
FLORENCE, AL METROPOLITAN STATISTICAL AREA—Con.													
331	Primary metal manufacturing	-	9	6	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
331315	Aluminum sheet, plate, and foil manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	35	8	600	20 722	312	647	8 249	54 319	91 281	146 488	7 226
3323	Architectural and structural metals manufacturing	-	12	4	266	7 772	153	320	3 929	17 602	24 084	41 456	584
333	Machinery manufacturing	1	23	9	917	28 690	726	1 420	18 791	62 374	23 128	86 238	4 406
3335	Metalworking machinery manufacturing	1	17	8	823	24 361	671	1 297	16 996	51 856	18 019	70 129	4 136
33351	Metalworking machinery manufacturing	1	17	8	823	24 361	671	1 297	16 996	51 856	18 019	70 129	4 136
333514	Special die and tool, die set, jig, and fixture manufacturing	1	7	6	653	18 434	531	1 004	12 217	34 999	12 807	47 801	2 374
337	Furniture and related product manufacturing	-	20	3	588	13 254	495	809	10 155	41 765	29 550	71 257	D
3372	Office furniture (including fixtures) manufacturing	-	3	3	543	12 063	462	747	9 355	39 753	28 161	67 860	D
33721	Office furniture (including fixtures) manufacturing	-	3	3	543	12 063	462	747	9 355	39 753	28 161	67 860	D
337211	Wood office furniture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
GADSDEN, AL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	138	44	6 504	206 961	5 493	10 374	164 632	440 326	607 546	1 043 119	15 700
311	Food manufacturing	-	9	6	1 647	39 332	1 447	2 782	31 928	110 813	267 710	375 492	5 122
3116	Animal slaughtering and processing	1	5	5	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	5	5	g	D	D	D	D	D	D	D	D
311615	Poultry processing	1	3	3	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	4	8	3	490	13 506	425	928	10 379	31 674	20 569	50 839	756
3219	Other wood product manufacturing	4	5	3	463	12 773	403	887	9 833	30 018	18 191	46 805	685
32191	Millwork	4	4	3	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	3	3	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	9	8	4	g	D	D	D	D	D	D	D	1 778
3262	Rubber product manufacturing ...	9	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	9	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	10	3	321	11 185	266	565	8 981	24 343	13 726	38 664	603
332	Fabricated metal product manufacturing	1	42	13	1 246	30 292	984	1 674	21 759	63 430	91 035	154 304	2 785
3321	Forging and stamping.....	-	2	2	f	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	-	2	2	f	D	D	D	D	D	D	D	D
332116	Metal stamping	-	2	2	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	4	19	5	353	8 316	232	296	5 368	18 404	14 469	31 830	D
33271	Machine shops	1	15	3	277	6 093	187	208	4 287	11 660	7 656	18 701	572
332710	Machine shops	1	15	3	277	6 093	187	208	4 287	11 660	7 656	18 701	572
333	Machinery manufacturing	1	13	8	764	17 551	607	985	10 506	29 161	32 554	61 359	3 620
3333	Commercial and service industry machinery manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
333315	Photographic and photocopying equipment 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)				
GADSDEN, AL METROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	-	6	2	e	D	D	D	D	D	D	D	279
3363	Motor vehicle parts manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
MONTGOMERY, AL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	322	116	16 436	548 431	12 642	25 574	356 076	2 288 863	1 918 103	4 202 981	104 063
311	Food manufacturing	7	20	12	1 864	51 179	1 302	2 829	29 286	269 051	220 126	495 309	10 611
3116	Animal slaughtering and processing	7	4	3	1 016	26 773	762	1 697	16 070	133 780	116 707	256 608	4 504
31161	Animal slaughtering and processing	7	4	3	1 016	26 773	762	1 697	16 070	133 780	116 707	256 608	4 504
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	2	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	9	3	2	286	7 462	144	256	3 161	41 099	22 673	63 772	2 828
313	Textile mills	1	6	5	974	26 945	876	1 823	21 800	96 732	69 761	166 438	7 500
3131	Fiber, yarn, and thread mills	2	3	3	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	2	3	3	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	2	3	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	3	2	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	2	2	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	28	12	633	17 539	524	1 090	11 423	43 188	48 773	92 074	2 458
3219	Other wood product manufacturing	-	20	8	396	10 078	331	664	6 732	20 391	20 970	41 140	1 691
32191	Millwork	-	14	5	316	7 356	263	523	4 783	12 966	13 991	26 610	D
321918	Other millwork (including flooring)	-	10	4	e	D	D	D	D	D	D	D	997
322	Paper manufacturing	-	6	4	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
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	5	3	257	9 646	209	436	5 772	23 504	49 877	73 019	1 013
323	Printing and related support activities	2	37	8	469	13 922	344	627	8 719	27 434	18 453	45 795	3 289
3231	Printing and related support activities	2	37	8	469	13 922	344	627	8 719	27 434	18 453	45 795	3 289
32311	Printing	1	33	8	455	13 327	333	610	8 351	26 401	18 216	44 531	D
323110	Commercial lithographic printing	-	15	5	290	8 824	212	383	5 748	17 010	12 810	29 736	1 983
325	Chemical manufacturing	9	6	3	f	D	D	D	D	D	D	D	18 307
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing	9	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E 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)				
	MONTGOMERY, AL METROPOLITAN STATISTICAL AREA—Con.												
326	Plastics and rubber products manufacturing	-	16	12	1 918	57 979	1 519	2 840	38 730	213 834	161 036	376 474	13 274
3261	Plastics product manufacturing ..	-	15	11	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	8	4	885	29 085	614	1 107	16 999	71 522	41 887	122 379	D
326199	All other plastics product manufacturing	-	8	4	885	29 085	614	1 107	16 999	71 522	41 887	122 379	D
327	Nonmetallic mineral product manufacturing	1	23	7	424	13 215	364	637	10 501	34 729	26 370	61 957	2 866
331	Primary metal manufacturing	-	3	2	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	3	49	14	1 594	54 431	1 243	2 496	36 358	149 757	141 846	285 787	9 100
3323	Architectural and structural metals manufacturing	4	22	10	927	33 586	671	1 404	19 888	89 074	105 153	193 230	8 191
33231	Plate work and fabricated structural product manufacturing	7	11	6	295	7 116	191	411	4 132	36 669	47 966	83 949	2 763
332312	Fabricated structural metal manufacturing	7	9	5	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	1	11	4	632	26 470	480	993	15 756	52 405	57 187	109 281	5 428
332323	Ornamental and architectural metal work manufacturing ..	-	5	2	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	19	8	784	32 622	511	1 022	19 217	59 358	61 205	120 973	2 076
334	Computer and electronic product manufacturing	1	7	4	632	26 828	386	649	8 866	111 662	86 600	197 260	5 539
3345	Navigational, measuring, electromedical, and control instruments manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	4	2	f	D	D	D	D	D	D	D	D
334514	Totalizing fluid meter and counting device manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	-	1	1	g	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing ...	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	5	13	9	2 084	70 527	1 521	3 223	44 247	163 089	181 363	344 017	7 927
3363	Motor vehicle parts manufacturing	1	6	5	978	30 434	652	1 486	17 097	70 099	72 510	141 984	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	9	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	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)				
MONTGOMERY, AL METROPOLITAN STATISTICAL AREA—Con.													
337	Furniture and related product manufacturing	1	34	5	636	16 800	531	1 131	11 600	46 556	32 681	77 800	1 419
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	26	2	382	9 403	298	600	5 215	23 080	15 250	38 301	D
33711	Wood kitchen cabinet and countertop manufacturing	—	20	1	278	7 030	220	454	3 635	18 399	12 724	31 079	618
337110	Wood kitchen cabinet and countertop manufacturing ..	—	20	1	278	7 030	220	454	3 635	18 399	12 724	31 079	618
339	Miscellaneous manufacturing	—	36	5	820	28 530	607	1 264	18 750	94 613	82 463	176 606	2 828
3391	Medical equipment and supplies manufacturing	—	14	2	e	D	D	D	D	D	D	D	1 008
33911	Medical equipment and supplies manufacturing	—	14	2	e	D	D	D	D	D	D	D	1 008
339111	Laboratory apparatus and furniture manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	—	22	3	e	D	D	D	D	D	D	D	1 820
SCOTTSBORO, AL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	79	22	5 598	175 264	4 615	10 050	126 613	509 862	921 089	1 408 841	78 383
313	Textile mills	—	3	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	2	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	2	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	9	3	2	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	3	2	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	2	2	g	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	2	2	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	e	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	1	1	e	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	8	4	432	11 261	360	637	7 908	39 492	28 375	65 130	927
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	4	4	405	10 476	341	597	7 499	38 601	27 654	63 518	900
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	4	4	405	10 476	341	597	7 499	38 601	27 654	63 518	900
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	3	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker 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.

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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)				
SELMA, AL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	57	22	4 731	166 109	3 796	7 857	122 457	490 879	528 149	982 199	57 001
311	Food manufacturing	9	3	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
312229	Other tobacco product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
315228	Men's and boys' cut and sew other outerwear manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	6	9	5	279	5 339	257	458	4 346	9 555	25 288	35 488	2 522
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
TALLADEGA-SYLACAUGA, AL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	101	42	7 407	253 479	6 101	12 876	179 755	473 209	786 581	1 254 155	359 214
313	Textile mills	-	10	8	1 507	35 193	1 419	2 794	31 327	97 883	199 318	298 364	D
3131	Fiber, yarn, and thread mills	-	6	5	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	6	5	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	5	5	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	5	1	e	D	D	D	D	D	D	D	633
3212	Veneer, plywood, and engineered wood product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	6	2	359	11 550	290	483	8 222	37 311	44 462	81 763	D
3231	Printing and related support activities	-	6	2	359	11 550	290	483	8 222	37 311	44 462	81 763	D
32311	Printing	-	6	2	359	11 550	290	483	8 222	37 311	44 462	81 763	D
323110	Commercial lithographic printing	-	3	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments 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)				
TALLADEGA-SYLACAUGA, AL MICROPOLITAN STATISTICAL AREA—Con.													
325	Chemical manufacturing	2	5	3	e	D	D	D	D	D	D	D	D
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing	2	4	3	278	10 935	218	383	7 022	53 295	49 849	100 102	D
32531	Fertilizer manufacturing	2	4	3	278	10 935	218	383	7 022	53 295	49 849	100 102	D
325314	Fertilizer (mixing only) manufacturing	2	4	3	278	10 935	218	383	7 022	53 295	49 849	100 102	D
331	Primary metal manufacturing	—	12	5	508	18 231	375	765	11 723	19 870	44 540	63 818	2 896
3315	Foundries	—	12	5	508	18 231	375	765	11 723	19 870	44 540	63 818	2 896
33152	Nonferrous metal foundries	—	7	2	303	12 252	209	484	7 302	5 076	41 019	45 377	D
331524	Aluminum foundries (except die-casting).....	—	5	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	23	4	341	12 118	264	499	8 181	22 187	11 919	33 853	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	16	3	277	9 901	215	404	6 838	17 537	8 845	26 129	D
33271	Machine shops	—	16	3	277	9 901	215	404	6 838	17 537	8 845	26 129	D
332710	Machine shops	—	16	3	277	9 901	215	404	6 838	17 537	8 845	26 129	D
336	Transportation equipment manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
TROY, AL MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	29	15	1 740	45 359	1 425	2 578	32 965	121 732	186 012	307 810	5 179
326	Plastics and rubber products manufacturing	8	3	3	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	8	3	3	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	—	1	1	e	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying	—	1	1	e	D	D	D	D	D	D	D	D
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum).....	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	3	3	291	8 574	218	307	5 837	19 973	10 905	30 863	D
TUSCALOOSA, AL METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	186	68	13 596	533 307	10 607	20 935	366 739	1 476 080	4 361 855	5 839 715	387 059

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)				
TUSCALOOSA, AL METROPOLITAN STATISTICAL AREA—Con.													
311	Food manufacturing	-	15	5	2 043	43 214	1 609	3 147	28 610	113 450	141 285	254 760	D
3116	Animal slaughtering and processing	-	7	1	f	D	D	D	D	D	D	D	738
31161	Animal slaughtering and processing	-	7	1	f	D	D	D	D	D	D	D	738
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	2	2	g	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	2	2	g	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	4	1	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	4	1	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	2	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	26	15	1 080	31 176	939	1 970	24 095	64 833	157 886	225 754	D
3211	Sawmills and wood preservation	1	9	7	612	19 621	539	1 176	15 324	45 253	123 855	172 596	D
32111	Sawmills and wood preservation	1	9	7	612	19 621	539	1 176	15 324	45 253	123 855	172 596	D
321113	Sawmills	2	7	5	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	1	16	7	e	D	D	D	D	D	D	D	1 553
322	Paper manufacturing	3	4	4	457	16 670	374	738	10 333	28 567	57 371	90 581	1 527
3222	Converted paper product manufacturing	5	3	3	e	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	7	5	784	40 975	544	1 111	23 939	199 603	490 743	671 392	21 400
3241	Petroleum and coal products manufacturing	-	7	5	784	40 975	544	1 111	23 939	199 603	490 743	671 392	21 400
32412	Asphalt paving, roofing, and saturated materials manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
324122	Asphalt shingle and coating materials manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	5	4	295	12 095	232	464	8 628	43 599	29 027	65 163	D
326	Plastics and rubber products manufacturing	-	8	4	2 925	117 065	2 418	4 144	92 076	120 195	317 528	443 815	11 429
3261	Plastics product manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	3	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	-	9	5	274	7 510	240	477	5 959	21 857	14 303	37 488	D
3273	Cement and concrete product manufacturing	-	9	5	274	7 510	240	477	5 959	21 857	14 303	37 488	D
331	Primary metal manufacturing	-	4	4	674	30 551	575	1 166	23 922	111 208	196 266	306 143	D
3311	Iron and steel mills and ferroalloy manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	35	8	738	24 106	557	1 079	14 305	41 903	38 984	80 364	D
3323	Architectural and structural metals manufacturing	3	12	4	385	10 552	289	550	6 061	14 293	23 092	37 272	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)				
	TUSCALOOSA, AL METROPOLITAN STATISTICAL AREA—Con.												
334	Computer and electronic product manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media	-	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	8	6	2 944	164 003	2 084	4 485	102 307	619 126	2 835 613	3 472 548	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336391	Motor vehicle air-conditioning manufacturing	-	1	1	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)				
AUTAUGA													
31-33	Manufacturing	-	29	11	g	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
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
BALDWIN													
31-33	Manufacturing	-	145	30	4 957	153 866	3 716	7 760	97 197	525 997	673 351	1 171 949	28 564
331	Primary metal manufacturing	-	3	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
331524	Aluminum foundries (except die-casting)	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	17	1	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	16	1	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
BARBOUR													
31-33	Manufacturing	-	40	23	4 495	106 591	3 753	7 385	78 352	311 384	342 419	663 458	10 350
311	Food manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
313	Textile mills	-	4	4	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	4	4	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	4	4	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	3	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	11	6	528	13 149	479	1 097	10 693	20 841	58 526	81 346	3 832
332	Fabricated metal product manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
BLOUNT													
31-33	Manufacturing	7	49	8	1 563	37 169	1 372	2 493	29 348	71 297	47 736	119 664	5 208
311	Food manufacturing	8	3	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	8	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	8	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	g	D	D	D	D	D	D	D	D
BULLOCK													
31-33	Manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
BUTLER													
31-33	Manufacturing	-	26	16	1 493	37 528	1 256	2 479	28 186	85 964	116 156	202 300	4 855
321	Wood product manufacturing	-	7	5	574	15 433	454	985	11 516	23 887	65 154	89 257	1 907

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)				
CALHOUN													
31-33	Manufacturing	-	150	61	9 368	286 756	7 210	14 253	188 782	995 122	1 029 271	2 020 839	47 943
314	Textile product mills	-	5	3	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	3	3	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	-	2	2	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	-	2	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	11	7	1 125	41 848	915	1 903	28 383	82 266	100 257	176 108	11 516
3315	Foundries	1	9	6	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	8	6	g	D	D	D	D	D	D	D	D
331511	Iron foundries	1	6	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	37	13	2 685	90 050	2 102	4 038	57 709	261 710	222 724	494 658	8 787
3329	Other fabricated metal product manufacturing	-	6	6	g	D	D	D	D	D	D	D	3 266
33291	Metal valve manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	6	4	1 485	52 656	968	2 052	30 992	192 635	408 420	609 426	4 706
3362	Motor vehicle body and trailer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	14	2	503	13 750	414	838	9 115	44 537	24 670	67 766	692
CHAMBERS													
31-33	Manufacturing	-	37	18	4 515	135 981	4 074	8 261	116 096	334 859	414 657	750 354	12 789
313	Textile mills	-	6	6	h	D	D	D	D	D	D	D	D
3132	Fabric mills	-	5	5	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	5	5	h	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	5	5	h	D	D	D	D	D	D	D	D
CHEROKEE													
31-33	Manufacturing	-	26	7	867	22 660	756	1 412	18 014	81 427	138 083	217 684	14 019
CHILTON													
31-33	Manufacturing	-	51	14	1 186	37 809	952	1 947	26 533	110 116	129 537	237 222	18 083
CHOCTAW													
31-33	Manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
CLARKE													
31-33	Manufacturing	-	30	11	2 095	72 308	1 764	3 506	53 324	224 625	301 946	499 626	21 045
321	Wood product manufacturing	-	9	5	659	22 628	557	1 289	16 710	36 119	90 283	127 421	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

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)
CLAY													
31-33	Manufacturing	4	12	5	2 299	62 112	1 893	3 287	44 556	161 746	60 062	222 922	D
311	Food manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	4	3	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	4	3	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	1	4	3	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	1	4	3	g	D	D	D	D	D	D	D	D
CLEBURNE													
31-33	Manufacturing	2	12	4	947	22 346	832	1 611	17 907	60 310	117 826	183 192	D
COFFEE													
31-33	Manufacturing	-	40	13	2 702	59 780	2 069	3 922	39 399	157 892	357 016	534 321	6 041
311	Food manufacturing	-	8	4	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	5	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	5	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	3	2	g	D	D	D	D	D	D	D	D
COLBERT													
31-33	Manufacturing	-	110	33	3 736	163 869	2 483	4 997	109 226	456 999	846 534	1 221 167	36 412
326	Plastics and rubber products manufacturing	4	11	5	619	18 575	355	651	9 067	45 739	32 508	77 818	D
331	Primary metal manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	2	2	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	2	2	g	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
CONECUH													
31-33	Manufacturing	1	15	7	717	19 524	576	1 273	13 117	53 539	93 364	148 195	2 640
COOSA													
31-33	Manufacturing	-	10	4	674	19 169	620	1 238	15 930	31 399	48 185	78 701	1 670
COVINGTON													
31-33	Manufacturing	2	31	10	3 008	84 061	2 676	5 827	70 109	231 834	280 687	510 459	12 183
313	Textile mills	9	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
CRENSHAW													
31-33	Manufacturing	2	9	3	523	8 732	478	972	7 228	32 303	13 917	46 065	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)				
CULLMAN													
31-33	Manufacturing	-	109	35	4 724	146 725	3 694	7 098	99 605	336 224	508 132	843 550	22 045
311	Food manufacturing	2	11	2	f	D	D	D	D	D	D	D	854
3116	Animal slaughtering and processing	2	3	2	f	D	D	D	D	D	D	D	743
31161	Animal slaughtering and processing	2	3	2	f	D	D	D	D	D	D	D	743
322	Paper manufacturing	-	4	3	515	18 207	381	849	12 048	45 363	82 642	126 986	4 041
3222	Converted paper product manufacturing	-	4	3	515	18 207	381	849	12 048	45 363	82 642	126 986	4 041
326	Plastics and rubber products manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	35	9	1 043	32 045	797	1 493	22 270	63 508	88 904	152 366	6 754
336	Transportation equipment manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
DALE													
31-33	Manufacturing	1	32	9	1 086	25 733	748	1 415	14 638	51 726	54 658	105 389	2 359
DALLAS													
31-33	Manufacturing	-	57	22	4 731	166 109	3 796	7 857	122 457	490 879	528 149	982 199	57 001
322	Paper manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
DEKALB													
31-33	Manufacturing	-	191	92	11 684	309 751	9 697	18 900	226 826	705 619	769 690	1 487 570	36 292
311	Food manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	-	10	4	597	14 579	507	1 068	12 000	38 765	43 495	79 495	D
315	Apparel manufacturing	1	99	57	6 046	134 967	5 245	9 775	100 310	227 500	359 062	592 169	12 980
3151	Apparel knitting mills	1	95	57	i	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills	1	93	55	i	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills ..	1	90	52	i	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	26	12	1 177	41 693	773	1 375	26 363	80 687	106 520	186 789	D
3323	Architectural and structural metals manufacturing	1	17	8	883	34 152	650	1 144	23 149	63 884	95 765	159 247	D
33231	Plate work and fabricated structural product manufacturing	1	9	4	659	26 582	465	788	17 703	42 507	69 633	111 944	D
332312	Fabricated structural metal manufacturing	1	7	4	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	7	3	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)
ELMORE													
31-33	Manufacturing	2	66	16	3 660	118 522	2 923	5 661	77 597	311 681	251 358	568 344	20 794
313	Textile mills	1	4	4	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	2	3	3	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	2	3	3	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	2	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	5	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	4	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
ESCAMBIA													
31-33	Manufacturing	6	47	15	2 032	78 857	1 674	3 164	58 837	311 179	220 307	531 604	15 072
321	Wood product manufacturing	—	9	3	513	16 292	436	772	12 856	43 693	37 774	81 662	3 162
322	Paper manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	9	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	9	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	9	1	1	f	D	D	D	D	D	D	D	D
ETOWAH													
31-33	Manufacturing	3	138	44	6 504	206 961	5 493	10 374	164 632	440 326	607 546	1 043 119	15 700
311	Food manufacturing	—	9	6	1 647	39 332	1 447	2 782	31 928	110 813	267 710	375 492	5 122
3116	Animal slaughtering and processing	1	5	5	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	5	5	g	D	D	D	D	D	D	D	D
311615	Poultry processing	1	3	3	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	9	8	4	g	D	D	D	D	D	D	D	1 778
3262	Rubber product manufacturing ...	9	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	9	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	42	13	1 246	30 292	984	1 674	21 759	63 430	91 035	154 304	2 785
3321	Forging and stamping.....	—	2	2	f	D	D	D	D	D	D	D	D
33211	Forging and stamping.....	—	2	2	f	D	D	D	D	D	D	D	D
332116	Metal stamping	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	13	8	764	17 551	607	985	10 506	29 161	32 554	61 359	3 620
FAYETTE													
31-33	Manufacturing	1	25	12	1 201	32 991	1 034	2 162	25 044	77 533	89 680	169 519	3 588
FRANKLIN													
31-33	Manufacturing	2	51	16	3 643	99 248	3 115	6 175	74 540	414 326	491 402	903 415	10 261
311	Food manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	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)				
GENEVA													
31-33	Manufacturing	-	23	6	805	20 148	699	1 395	15 781	47 252	40 899	88 256	1 882
332	Fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HALE													
31-33	Manufacturing	-	17	9	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	1	1	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	1	1	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	1	1	f	D	D	D	D	D	D	D	D
HENRY													
31-33	Manufacturing	-	20	9	1 402	34 655	1 095	2 154	25 347	106 061	295 503	396 845	3 415
314	Textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
HOUSTON													
31-33	Manufacturing	-	118	38	7 184	231 996	5 309	10 344	148 362	626 169	670 965	1 303 431	39 764
311	Food manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	31	8	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	16	5	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	1	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	-	15	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	9	2	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
339950	Sign manufacturing	-	6	2	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)				
JACKSON													
31-33	Manufacturing	3	79	22	5 598	175 264	4 615	10 050	126 613	509 862	921 089	1 408 841	78 383
313	Textile mills	—	3	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	2	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	—	2	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	9	3	2	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	3	2	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	2	2	g	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	2	2	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
JEFFERSON													
31-33	Manufacturing	—	727	230	31 151	1 181 390	21 664	43 490	727 511	3 076 948	3 593 258	6 592 912	246 122
311	Food manufacturing	1	40	22	4 870	137 819	2 908	5 479	63 387	383 053	456 665	836 632	D
3115	Dairy product manufacturing	—	3	3	g	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
311511	Fluid milk manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	6	3	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	6	3	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	16	10	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	14	8	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	7	6	643	19 550	335	675	7 913	45 718	17 162	62 895	D
3119	Other food manufacturing	5	12	4	g	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
31192	Coffee and tea manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	104	21	2 167	73 050	1 375	2 740	40 223	196 664	115 068	311 463	D
3231	Printing and related support activities	—	104	21	2 167	73 050	1 375	2 740	40 223	196 664	115 068	311 463	D
32311	Printing	—	94	20	2 099	70 557	1 324	2 647	38 697	190 365	113 492	303 588	D
323110	Commercial lithographic printing	—	43	15	g	D	D	D	D	D	D	D	56 450
324	Petroleum and coal products manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
32419	Other petroleum and coal products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
324199	All other petroleum and coal products manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	25	11	f	D	D	D	D	D	D	D	6 792
326	Plastics and rubber products manufacturing	—	21	6	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	—	14	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	9	4	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	5	4	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)				
JEFFERSON—Con.													
327	Nonmetallic mineral product manufacturing	2	57	18	1 431	54 721	1 035	2 140	34 151	197 018	180 705	379 140	D
3273	Cement and concrete product manufacturing	3	26	6	602	23 067	445	889	14 333	110 890	100 449	211 785	D
331	Primary metal manufacturing	—	35	22	7 806	379 535	5 840	12 712	260 592	1 011 481	1 320 122	2 280 126	D
3311	Iron and steel mills and ferroalloy manufacturing	—	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
33111	Iron and steel mills and ferroalloy manufacturing	—	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
331111	Iron and steel mills	—	6	5	3 029	157 854	2 310	4 879	114 787	545 574	831 684	1 347 145	D
3315	Foundries	—	15	10	h	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	10	6	h	D	D	D	D	D	D	D	D
331511	Iron foundries	—	7	6	h	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	189	61	4 250	156 201	3 026	6 118	93 872	335 553	350 900	693 400	26 991
3321	Forging and stamping	—	11	5	f	D	D	D	D	D	D	D	D
33211	Forging and stamping	—	11	5	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	2	66	23	1 635	59 430	1 179	2 426	36 213	124 071	97 730	222 296	4 606
33231	Plate work and fabricated structural product manufacturing	2	36	14	906	33 976	680	1 429	21 273	69 514	57 491	128 085	3 313
332312	Fabricated structural metal manufacturing	1	28	9	607	22 355	457	922	14 244	46 520	43 309	90 700	2 927
33232	Ornamental and architectural metal products manufacturing	3	30	9	729	25 454	499	997	14 940	54 557	40 239	94 211	1 293
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	1	59	15	f	D	D	D	D	D	D	D	D
33271	Machine shops	2	54	12	627	21 455	456	885	14 442	35 308	23 700	59 380	D
332710	Machine shops	2	54	12	627	21 455	456	885	14 442	35 308	23 700	59 380	D
3329	Other fabricated metal product manufacturing	—	26	8	548	19 463	427	818	12 391	46 869	53 830	106 573	D
33299	All other fabricated metal product manufacturing	—	24	8	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	39	16	1 626	64 295	1 134	2 149	37 695	129 399	200 269	310 367	5 196
3339	Other general purpose machinery manufacturing	—	14	6	583	21 892	397	714	13 004	72 591	40 188	83 784	D
335	Electrical equipment, appliance, and component manufacturing	—	22	9	687	25 095	505	1 016	13 938	86 977	55 644	135 891	D
336	Transportation equipment manufacturing	1	20	6	1 797	77 804	1 320	2 579	64 011	176 167	94 602	270 927	D
3364	Aerospace product and parts manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	41	12	1 190	30 671	951	1 741	20 514	51 081	78 521	131 090	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	28	4	764	17 892	637	1 172	13 453	25 558	59 694	87 155	D
33712	Household and institutional furniture manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	62	9	1 156	35 549	742	1 375	17 840	83 594	63 450	146 212	D
3399	Other miscellaneous manufacturing	1	35	7	910	27 914	580	1 129	13 438	62 137	59 387	120 727	D
33999	All other miscellaneous manufacturing	—	11	2	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	—	8	1	f	D	D	D	D	D	D	D	D
LAMAR													
31-33	Manufacturing	—	21	10	2 272	73 933	1 796	3 353	49 416	141 797	175 761	319 564	8 034
321	Wood product manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
333	Machinery 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.

[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)				
LAUDERDALE													
31-33	Manufacturing	1	103	35	3 964	109 903	3 173	5 983	78 747	273 965	340 952	614 510	20 640
311	Food manufacturing	—	5	1	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	9	7	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	11	6	f	D	D	D	D	D	D	D	1 876
3335	Metalworking machinery manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	10	2	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
LAWRENCE													
31-33	Manufacturing	—	23	4	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	1	1	g	D	D	D	D	D	D	D	D
LEE													
31-33	Manufacturing	—	100	33	6 275	246 106	5 059	9 498	176 725	890 988	774 237	1 651 273	48 225
313	Textile mills	—	5	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	5	5	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
32213	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	6	4	1 755	73 527	1 499	2 959	58 465	170 558	142 341	301 765	8 172
3262	Rubber product manufacturing ...	—	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	2	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
333	Machinery manufacturing	2	7	2	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	2	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
LIMESTONE													
31-33	Manufacturing	—	72	26	5 919	279 667	5 043	10 420	237 510	755 417	699 342	1 437 847	40 031
311	Food manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	7	3	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
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	1	1	h	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)				
LIMESTONE—Con.													
337	Furniture and related product manufacturing	—	10	3	f	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
LOWNDES													
31-33	Manufacturing	9	12	5	f	D	D	D	D	D	D	D	D
MADISON													
31-33	Manufacturing	—	337	119	21 589	896 047	14 391	29 814	522 176	2 391 726	3 400 654	5 815 457	226 112
311	Food manufacturing	2	11	5	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	16	8	2 183	95 068	1 825	3 695	73 249	268 588	200 444	469 424	15 143
3261	Plastics product manufacturing ..	—	13	7	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	3	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	3	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	—	12	5	905	41 786	699	1 349	28 733	139 319	84 611	204 430	D
3272	Glass and glass product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	—	3	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	7	6	f	D	D	D	D	D	D	D	3 028
332	Fabricated metal product manufacturing	—	73	16	1 937	65 230	1 532	3 158	44 841	116 973	82 784	206 402	6 647
3323	Architectural and structural metals manufacturing	—	19	5	f	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	38	4	505	17 628	392	743	12 387	35 646	14 438	50 077	D
334	Computer and electronic product manufacturing	—	52	30	i	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	—	6	5	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	22	14	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	—	22	14	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	10	7	f	D	D	D	D	D	D	D	6 408
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	12	4	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	12	4	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)				
MADISON—Con.													
334	Computer and electronic product manufacturing—Con.												
3346	Manufacturing and reproducing magnetic and optical media.....	—	3	2	g	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	—	3	2	g	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	—	2	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	19	9	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	7	4	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	8	3	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
MARENGO													
31-33	Manufacturing	—	25	14	2 170	69 032	1 825	3 236	49 986	220 760	234 908	476 166	17 882
321	Wood product manufacturing	1	8	4	706	20 505	616	947	15 036	28 725	47 606	76 400	977
3219	Other wood product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32191	Millwork	—	2	2	f	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	—	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	3	3	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
32213	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
MARION													
31-33	Manufacturing	—	45	19	2 955	95 277	2 302	4 456	61 460	333 015	249 495	578 913	12 471
321	Wood product manufacturing	1	17	9	1 294	35 970	1 056	1 992	23 599	75 864	123 846	195 413	911
3219	Other wood product manufacturing	1	12	8	g	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	1	7	6	1 157	32 427	946	1 793	21 341	59 808	77 984	137 677	582
321991	Manufactured home (mobile home) manufacturing	1	7	6	1 157	32 427	946	1 793	21 341	59 808	77 984	137 677	582
326	Plastics and rubber products manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	2	2	f	D	D	D	D	D	D	D	D
MARSHALL													
31-33	Manufacturing	1	134	55	11 446	298 336	9 628	19 119	216 583	816 576	1 299 635	2 112 403	43 212
311	Food manufacturing	1	16	11	5 410	115 597	4 954	9 792	97 552	348 875	642 275	993 996	D
3116	Animal slaughtering and processing	1	7	7	5 233	109 130	4 849	9 569	94 226	271 270	299 899	572 175	11 091
31161	Animal slaughtering and processing	1	7	7	5 233	109 130	4 849	9 569	94 226	271 270	299 899	572 175	11 091
311615	Poultry processing	1	7	7	5 233	109 130	4 849	9 569	94 226	271 270	299 899	572 175	11 091
321	Wood product manufacturing	3	8	5	949	24 399	812	1 497	17 743	46 271	78 512	124 083	3 795
3219	Other wood product manufacturing	4	5	4	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	4	3	3	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	4	3	3	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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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MARSHALL—Con.													
332	Fabricated metal product manufacturing	-	25	6	973	35 523	775	1 628	24 610	99 049	97 382	188 513	11 166
3329	Other fabricated metal product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	11	6	695	27 245	419	884	12 727	52 436	60 883	113 683	959
336	Transportation equipment manufacturing	1	7	4	736	22 645	591	1 238	14 437	65 660	210 380	271 710	9 022
3363	Motor vehicle parts manufacturing	1	3	3	667	20 241	540	1 127	12 912	59 529	204 003	259 420	D
339	Miscellaneous manufacturing	-	14	7	f	D	D	D	D	D	D	D	D
MOBILE													
31-33	Manufacturing	-	403	136	17 752	716 004	12 608	25 546	456 183	2 345 352	3 298 860	5 666 741	228 061
311	Food manufacturing	2	31	12	g	D	D	D	D	D	D	D	14 449
321	Wood product manufacturing	-	29	14	1 250	35 054	932	1 905	21 924	55 078	194 317	248 267	3 875
3219	Other wood product manufacturing	1	22	9	899	23 414	676	1 323	13 848	42 915	89 198	131 760	2 174
32191	Millwork	2	10	5	652	18 253	465	932	9 958	28 655	70 821	98 907	1 458
321911	Wood window and door manufacturing	2	10	5	652	18 253	465	932	9 958	28 655	70 821	98 907	1 458
322	Paper manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	2	2	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
325	Chemical manufacturing	-	33	21	3 530	199 006	1 990	4 295	97 181	758 661	840 459	1 580 953	91 107
3251	Basic chemical manufacturing ...	-	17	13	2 541	148 691	1 400	3 032	70 431	381 677	559 424	945 409	D
32518	Other basic inorganic chemical manufacturing	-	6	5	707	41 404	413	952	23 500	197 710	138 539	345 592	D
325188	All other basic inorganic chemical manufacturing	-	6	5	707	41 404	413	952	23 500	197 710	138 539	345 592	D
32519	Other basic organic chemical manufacturing	-	7	7	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	6	6	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	22	8	757	32 615	562	1 211	23 162	98 585	57 599	156 661	7 659
331	Primary metal manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	72	17	1 687	56 674	1 289	2 640	38 326	110 433	93 274	203 906	4 616
3328	Coating, engraving, heat treating, and allied activities	6	9	2	677	21 070	535	1 138	14 602	39 318	18 828	57 618	985
33281	Coating, engraving, heat treating, and allied activities ..	6	9	2	677	21 070	535	1 138	14 602	39 318	18 828	57 618	985
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	6	4	2	645	20 372	518	1 105	14 132	38 152	18 469	56 121	967
336	Transportation equipment manufacturing	-	44	21	4 749	180 016	3 742	7 533	138 383	293 552	264 215	565 448	D
3364	Aerospace product and parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	1	1	g	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
3366	Ship and boat building	-	38	18	3 026	105 259	2 581	4 781	84 409	145 508	169 105	314 613	D
33661	Ship and boat building	-	38	18	3 026	105 259	2 581	4 781	84 409	145 508	169 105	314 613	D
336611	Ship building and repairing ..	-	27	13	h	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)				
MONROE													
31-33	Manufacturing	5	20	11	2 450	103 329	1 842	4 053	73 369	354 898	594 973	952 140	36 983
321	Wood product manufacturing	-	6	5	812	30 572	693	1 537	24 577	46 986	116 603	163 148	D
3212	Veneer, plywood, and engineered wood product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	9	3	3	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	9	3	3	f	D	D	D	D	D	D	D	D
MONTGOMERY													
31-33	Manufacturing	2	215	84	10 218	323 805	7 755	15 706	203 842	1 256 940	1 202 252	2 455 603	48 907
311	Food manufacturing	6	17	12	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	7	3	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	7	3	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	19	10	542	14 072	449	938	9 101	34 638	39 664	74 341	D
326	Plastics and rubber products manufacturing	-	7	6	964	26 658	852	1 581	20 197	137 470	102 934	233 201	D
3261	Plastics product manufacturing ..	-	6	5	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	32	10	1 377	46 484	1 083	2 172	31 573	136 157	131 516	261 859	D
3323	Architectural and structural metals manufacturing	3	16	6	769	27 612	559	1 162	16 419	79 671	96 764	175 444	D
33232	Ornamental and architectural metal products manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	14	7	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
3352	Household appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	3	7	5	f	D	D	D	D	D	D	D	3 223
339	Miscellaneous manufacturing	-	23	2	f	D	D	D	D	D	D	D	D
MORGAN													
31-33	Manufacturing	-	211	78	j	D	D	D	D	D	D	D	D
311	Food manufacturing	-	14	11	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	-	5	1	f	D	D	D	D	D	D	D	13
3149	Other textile product mills	-	3	1	f	D	D	D	D	D	D	D	D
31499	All other textile product mills ..	-	3	1	f	D	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills ..	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	14	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)				
MORGAN—Con.												
325	Chemical manufacturing	-	15	8	h	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	6	2	g	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	2	2	g	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	2	2	g	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3	g	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	2	2	f	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	-	1	1	f	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	6	4	1 233	54 299	1 004	2 130	39 106	290 842	231 131	511 984
3314	Nonferrous metal (except aluminum) production and processing	-	1	1	f	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	-	1	1	f	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	-	1	1	f	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	52	17	g	D	D	D	D	D	D	D
333	Machinery manufacturing	-	16	6	1 194	33 169	1 026	2 034	24 550	113 137	198 244	309 598
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	4	3	1 768	64 784	1 523	2 283	48 323	184 263	320 656	498 405
3352	Household appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D
33522	Major appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing	-	1	1	g	D	D	D	D	D	D	D
PERRY												
31-33	Manufacturing	-	9	4	560	12 533	484	981	9 319	27 767	49 480	77 378
PICKENS												
31-33	Manufacturing	-	20	9	626	16 126	529	1 188	11 770	39 569	56 480	97 781
321	Wood product manufacturing	-	11	7	514	13 534	430	971	9 918	34 708	52 189	88 936
PIKE												
31-33	Manufacturing	2	29	15	1 740	45 359	1 425	2 578	32 965	121 732	186 012	307 810
RANDOLPH												
31-33	Manufacturing	3	25	8	1 690	40 133	1 426	2 723	30 777	74 644	118 160	197 210
313	Textile mills	3	3	3	595	17 154	449	888	11 970	36 839	52 515	89 360
337	Furniture and related product manufacturing	-	3	1	f	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	3	1	f	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D
RUSSELL												
31-33	Manufacturing	3	35	8	1 443	47 902	1 174	2 600	34 930	140 830	115 431	256 472

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)				
ST. CLAIR													
31-33	Manufacturing	-	70	26	2 489	73 893	1 920	3 738	50 210	340 579	262 440	603 468	14 750
332	Fabricated metal product manufacturing	-	'18	'7	'705	'16 716	'520	'886	'10 466	'91 025	'46 880	'138 390	'3 508
3323	Architectural and structural metals manufacturing	1	'9	'5	'507	'10 273	'362	'561	'6 288	'58 038	'29 549	'88 237	'1 610
SHELBY													
31-33	Manufacturing	2	160	67	6 107	215 832	4 481	9 200	127 326	593 995	458 503	1 050 443	243 459
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery	-	1	1	f	D	D	D	D	D	D	D	D
313221	Narrow fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	25	12	1 135	45 580	931	1 993	33 654	181 191	111 519	290 443	D
3273	Cement and concrete product manufacturing	3	17	6	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	7	6	606	25 049	521	1 170	19 916	54 460	61 402	116 686	D
3315	Foundries	-	6	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	39	19	1 079	38 528	724	1 362	19 144	107 268	75 302	181 218	D
333	Machinery manufacturing	7	16	7	764	28 607	475	924	13 940	54 451	40 463	95 177	1 561
TALLADEGA													
31-33	Manufacturing	1	101	42	7 407	253 479	6 101	12 876	179 755	473 209	786 581	1 254 155	359 214
313	Textile mills	-	10	8	1 507	35 193	1 419	2 794	31 327	97 883	199 318	298 364	D
3131	Fiber, yarn, and thread mills	-	6	5	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	6	5	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	5	5	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	12	5	508	18 231	375	765	11 723	19 870	44 540	63 818	2 896
3315	Foundries	-	12	5	508	18 231	375	765	11 723	19 870	44 540	63 818	2 896
336	Transportation equipment manufacturing	-	5	3	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
TALLAPOSA													
31-33	Manufacturing	-	46	19	3 222	70 239	2 555	4 920	48 502	246 417	369 621	615 188	12 926
313	Textile mills	-	11	9	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	4	4	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	4	4	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	-	3	3	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	9	4	g	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	9	2	1	f	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	9	2	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	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)				
TUSCALOOSA													
31-33	Manufacturing	-	162	54	11 530	484 520	8 842	17 494	332 140	1 359 420	4 169 248	5 522 785	D
311	Food manufacturing	-	10	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	5	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	5	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	21	11	f	D	D	D	D	D	D	D	D
324	Petroleum and coal products manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
3241	Petroleum and coal products manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	7	3	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	2	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	3	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
331	Primary metal manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	31	8	718	23 683	541	1 056	14 001	40 973	38 232	78 682	D
334	Computer and electronic product manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media ...	-	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	8	6	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
WALKER													
31-33	Manufacturing	3	60	16	1 286	37 296	1 080	2 352	27 928	70 389	115 874	189 688	7 335
WASHINGTON													
31-33	Manufacturing	6	12	3	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	6	8	2	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	6	6	2	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
WILCOX													
31-33	Manufacturing	-	12	6	g	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
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	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	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)
WINSTON													
31-33	Manufacturing	—	79	35	4 732	105 746	3 911	7 365	76 499	288 316	417 962	704 904	18 754
321	Wood product manufacturing	—	19	12	2 250	53 732	1 847	3 708	40 096	121 256	250 651	372 867	11 541
3219	Other wood product manufacturing	—	15	8	2 016	48 235	1 634	3 347	35 316	108 551	206 509	316 049	10 662
32199	All other wood product manufacturing	—	9	7	g	D	D	D	D	D	D	D	10 561
321991	Manufactured home (mobile home) manufacturing	—	7	6	1 624	40 010	1 342	2 734	30 112	74 990	140 213	215 489	D
337	Furniture and related product manufacturing	—	27	12	1 558	31 448	1 330	2 254	22 897	89 052	75 720	163 621	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	22	10	1 365	27 742	1 169	2 023	20 776	80 953	64 326	144 311	D
33712	Household and institutional furniture manufacturing	—	18	8	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	14	5	f	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 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	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)				
ABBEVILLE													
31-33	Manufacturing	-	9	6	1 241	29 594	985	1 923	22 482	87 262	281 492	364 337	2 432
314	Textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills	-	1	1	f	D	D	D	D	D	D	D	D
ALABASTER													
31-33	Manufacturing	4	15	11	776	27 103	595	1 191	16 047	60 669	57 175	117 690	5 006
ALBERTVILLE													
31-33	Manufacturing	1	44	19	4 440	110 671	3 883	7 504	83 899	383 208	341 866	718 990	15 108
311	Food manufacturing	3	9	5	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	3	4	4	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	3	4	4	g	D	D	D	D	D	D	D	D
311615	Poultry processing	3	4	4	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ALEXANDER CITY													
31-33	Manufacturing	-	30	16	2 736	60 146	2 137	4 025	40 793	220 520	358 525	578 529	10 067
313	Textile mills	-	10	9	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	4	4	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	4	4	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	-	3	3	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	5	3	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	1	4	3	f	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors	9	2	1	f	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors	9	2	1	f	D	D	D	D	D	D	D	D
ANDALUSIA													
31-33	Manufacturing	-	19	6	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
ANNISTON													
31-33	Manufacturing	-	60	33	5 484	175 000	4 034	8 202	113 141	559 393	736 494	1 298 831	35 848
331	Primary metal manufacturing	-	4	3	586	24 359	455	1 022	16 052	47 516	79 451	119 964	D
3315	Foundries	-	3	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	-	3	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries	-	3	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	14	6	1 911	63 346	1 486	3 033	40 999	202 980	170 841	383 520	6 035
3329	Other fabricated metal product manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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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)
ANNISTON—Con.													
336	Transportation equipment manufacturing	—	3	2	f	D	D	D	D	D	D	D	
3362	Motor vehicle body and trailer manufacturing	—	1	1	f	D	D	D	D	D	D	D	
33621	Motor vehicle body and trailer manufacturing	—	1	1	f	D	D	D	D	D	D	D	
336211	Motor vehicle body manufacturing	—	1	1	f	D	D	D	D	D	D	D	
ARAB													
31-33	Manufacturing	1	26	10	f	D	D	D	D	D	D	4 560	
ATHENS													
31-33	Manufacturing	1	29	13	h	D	D	D	D	D	D	D	
311	Food manufacturing	—	2	2	f	D	D	D	D	D	D	D	
AUBURN													
31-33	Manufacturing	1	40	13	g	D	D	D	D	D	D	D	
333	Machinery manufacturing	2	4	2	f	D	D	D	D	D	D	D	
3336	Engine, turbine, and power transmission equipment manufacturing	2	2	2	f	D	D	D	D	D	D	D	
33361	Engine, turbine, and power transmission equipment manufacturing	2	2	2	f	D	D	D	D	D	D	D	
333618	Other engine equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	
BAY MINETTE													
31-33	Manufacturing	—	16	8	1 821	52 521	1 438	2 886	32 812	240 507	200 861	417 366	18 193
337	Furniture and related product manufacturing	—	2	1	g	D	D	D	D	D	D	D	
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	2	1	g	D	D	D	D	D	D	D	
33712	Household and institutional furniture manufacturing	—	1	1	g	D	D	D	D	D	D	D	
337122	Nonupholstered wood household furniture manufacturing	—	1	1	g	D	D	D	D	D	D	D	
BAYOU LA BATRE													
31-33	Manufacturing	4	21	11	596	14 566	466	835	11 723	26 432	41 548	67 964	1 068
BESSEMER													
31-33	Manufacturing	2	45	17	1 617	57 986	1 271	2 632	39 825	189 678	162 948	355 227	16 582
331	Primary metal manufacturing	—	3	2	f	D	D	D	D	D	D	D	
3315	Foundries	—	3	2	f	D	D	D	D	D	D	D	
33151	Ferrous metal foundries	—	2	2	f	D	D	D	D	D	D	D	
331511	Iron foundries	—	2	2	f	D	D	D	D	D	D	D	
BIRMINGHAM													
31-33	Manufacturing	—	334	129	17 671	678 881	12 339	24 801	426 348	1 560 866	1 734 927	3 245 646	D
311	Food manufacturing	—	17	13	2 316	59 399	1 544	3 052	33 056	204 369	192 617	394 986	15 531
3118	Bakeries and tortilla manufacturing	—	8	7	f	D	D	D	D	D	D	D	
31181	Bread and bakery product manufacturing	—	6	5	f	D	D	D	D	D	D	D	
311812	Commercial bakeries	—	4	4	f	D	D	D	D	D	D	D	
3119	Other food manufacturing	1	5	3	1 136	22 076	801	1 547	12 043	70 172	62 113	131 514	D
31191	Snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	
311919	Other snack food manufacturing	—	1	1	f	D	D	D	D	D	D	D	
312	Beverage and tobacco product manufacturing	9	1	1	f	D	D	D	D	D	D	D	
3121	Beverage manufacturing	9	1	1	f	D	D	D	D	D	D	D	
31211	Soft drink and ice manufacturing	9	1	1	f	D	D	D	D	D	D	D	
312111	Soft drink manufacturing	9	1	1	f	D	D	D	D	D	D	D	
323	Printing and related support activities	—	60	18	1 819	61 551	1 164	2 333	34 759	164 569	101 443	265 812	56 202
3231	Printing and related support activities	—	60	18	1 819	61 551	1 164	2 333	34 759	164 569	101 443	265 812	56 202
32311	Printing	—	52	17	g	D	D	D	D	D	D	D	
323110	Commercial lithographic printing	—	29	13	1 510	51 711	961	1 955	29 136	143 078	87 817	230 820	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)				
BIRMINGHAM—Con.													
326	Plastics and rubber products manufacturing	—	9	4	646	20 974	573	1 067	17 477	85 361	73 964	157 749	D
3261	Plastics product manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	18	15	4 621	228 635	3 391	7 600	153 573	445 157	665 697	1 077 634	44 794
3311	Iron and steel mills and ferroalloy manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills	—	3	3	f	D	D	D	D	D	D	D	D
3315	Foundries	—	8	7	h	D	D	D	D	D	D	D	33 377
33151	Ferrous metal foundries	—	5	4	h	D	D	D	D	D	D	D	D
331511	Iron foundries	—	4	4	h	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	77	30	1 805	68 574	1 242	2 474	38 075	132 991	145 371	281 243	D
3323	Architectural and structural metals manufacturing	2	28	11	632	22 965	449	922	14 667	53 332	48 310	103 099	1 353
333	Machinery manufacturing	—	21	9	1 046	44 506	773	1 392	27 519	82 564	161 686	224 918	D
336	Transportation equipment manufacturing	—	9	5	1 732	74 992	1 269	2 503	62 213	166 826	81 121	247 824	D
3364	Aerospace product and parts manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	16	8	849	21 135	710	1 331	15 073	33 706	59 560	94 944	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	10	3	674	15 046	585	1 080	11 690	22 317	51 815	75 925	D
33712	Household and institutional furniture manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	6	30	7	512	16 050	369	667	9 923	32 574	14 969	47 525	1 280
BOAZ													
31-33	Manufacturing	1	18	8	3 235	87 732	2 793	5 708	65 814	243 709	342 737	580 519	15 796
311	Food manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	2	2	f	D	D	D	D	D	D	D	D
BREWTON													
31-33	Manufacturing	6	18	9	1 576	63 185	1 310	2 413	47 934	266 646	187 126	453 368	12 114
322	Paper manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	9	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	9	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	9	1	1	f	D	D	D	D	D	D	D	D
BRIDGEPORT													
31-33	Manufacturing	—	6	5	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
CLANTON													
31-33	Manufacturing	1	28	8	541	15 261	402	710	9 090	47 601	39 227	86 110	16 241

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)				
COLUMBIANA													
31-33	Manufacturing	-	7	4	780	16 286	635	1 193	12 468	39 260	28 656	69 411	D
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery	-	1	1	f	D	D	D	D	D	D	D	D
313221	Narrow fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
CULLMAN													
31-33	Manufacturing	-	59	24	3 128	100 607	2 371	4 658	66 712	226 486	348 280	578 467	13 932
322	Paper manufacturing	-	4	3	515	18 207	381	849	12 048	45 363	82 642	126 986	4 041
3222	Converted paper product manufacturing	-	4	3	515	18 207	381	849	12 048	45 363	82 642	126 986	4 041
326	Plastics and rubber products manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	19	7	f	D	D	D	D	D	D	D	4 527
DECATUR													
31-33	Manufacturing	-	102	42	i	D	D	D	D	D	D	D	26 641
311	Food manufacturing	-	9	9	f	D	D	D	D	D	D	D	D
314	Textile product mills	-	3	1	f	D	D	D	D	D	D	D	D
3149	Other textile product mills	-	2	1	f	D	D	D	D	D	D	D	D
31499	All other textile product mills	-	2	1	f	D	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	24	10	823	25 956	609	1 194	17 623	52 890	45 141	97 620	5 778
335	Electrical equipment, appliance, and component manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
DEMOPOLIS													
31-33	Manufacturing	-	19	12	g	D	D	D	D	D	D	D	17 078
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
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
DOTHAN													
31-33	Manufacturing	-	92	29	6 094	200 033	4 609	8 929	132 381	544 100	548 107	1 091 642	D
311	Food manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	1	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	-	13	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	7	1	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
339950	Sign manufacturing	-	4	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)				
ELBA													
31-33	Manufacturing	-	11	5	f	D	D	D	D	D	D	D	D
ENTERPRISE													
31-33	Manufacturing	-	21	5	1 262	25 114	1 103	2 085	19 276	71 297	165 446	248 061	3 074
311	Food manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
EUFAULA													
31-33	Manufacturing	-	31	17	2 730	75 085	2 102	4 360	50 041	269 768	234 521	511 828	D
313	Textile mills	-	2	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	2	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	2	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	2	2	f	D	D	D	D	D	D	D	D
FAIRFIELD													
31-33	Manufacturing	-	14	7	2 614	127 812	1 954	4 024	89 160	506 888	617 909	1 104 007	D
331	Primary metal manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
331111	Iron and steel mills	-	2	2	g	D	D	D	D	D	D	D	D
FAYETTE													
31-33	Manufacturing	-	14	5	541	15 158	448	955	10 534	31 501	34 819	68 562	D
FLORENCE													
31-33	Manufacturing	1	72	25	3 076	90 675	2 427	4 728	64 242	226 443	298 953	525 738	18 495
311	Food manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31199	All other food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311991	Perishable prepared food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	8	6	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	-	7	5	f	D	D	D	D	D	D	D	D
FOLEY													
31-33	Manufacturing	-	17	5	1 122	39 953	823	1 783	26 996	155 430	308 078	456 721	D
FORT PAYNE													
31-33	Manufacturing	-	108	67	8 780	242 860	7 126	13 983	174 838	477 912	624 147	1 115 956	24 382
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	71	48	5 407	122 779	4 664	8 693	90 567	204 765	329 942	540 174	10 839
3151	Apparel knitting mills	1	71	48	5 407	122 779	4 664	8 693	90 567	204 765	329 942	540 174	10 839
31511	Hosiery and sock mills	1	70	47	i	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills	1	67	44	i	D	D	D	D	D	D	D	10 402
332	Fabricated metal product manufacturing	1	13	7	871	32 465	554	991	21 250	52 477	91 216	143 549	D
3323	Architectural and structural metals manufacturing	1	10	5	733	30 122	534	956	20 668	48 554	90 067	138 519	D
33231	Plate work and fabricated structural product manufacturing	1	6	3	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing	1	4	3	607	24 823	433	727	16 891	35 768	68 763	104 425	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)				
GADSDEN													
31-33	Manufacturing	4	60	24	3 820	144 651	3 232	6 387	117 027	297 921	360 300	654 107	10 208
326	Plastics and rubber products manufacturing	9	4	3	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	9	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	9	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	3	3	559	10 686	457	740	6 840	20 043	24 977	44 572	D
GENEVA													
31-33	Manufacturing	—	6	3	661	17 385	591	1 213	13 784	41 019	31 476	72 593	D
332	Fabricated metal product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
GREENSBORO													
31-33	Manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
311	Food manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	—	1	1	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	—	1	1	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	—	1	1	f	D	D	D	D	D	D	D	D
GREENVILLE													
31-33	Manufacturing	—	16	12	1 012	24 374	830	1 563	17 613	64 476	55 858	120 470	D
GUNTERSVILLE													
31-33	Manufacturing	—	25	11	2 047	50 495	1 800	3 625	40 188	75 341	473 795	557 003	5 720
311	Food manufacturing	—	5	5	1 460	32 811	1 330	2 687	26 945	36 178	441 988	480 337	D
3116	Animal slaughtering and processing	—	2	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	2	2	g	D	D	D	D	D	D	D	D
HALEYVILLE													
31-33	Manufacturing	—	36	15	2 142	44 574	1 789	3 113	30 542	148 411	159 407	306 255	D
337	Furniture and related product manufacturing	—	17	8	1 320	27 430	1 123	1 879	19 788	81 834	68 607	149 005	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	14	7	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	11	5	g	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	9	3	f	D	D	D	D	D	D	D	D
HAMILTON													
31-33	Manufacturing	1	15	8	1 125	34 615	933	1 893	24 709	92 401	94 815	185 927	D
HARTSELLE													
31-33	Manufacturing	—	25	9	f	D	D	D	D	D	D	D	1 987
HEFLIN													
31-33	Manufacturing	3	7	3	f	D	D	D	D	D	D	D	D
HOMEWOOD													
31-33	Manufacturing	—	35	11	1 870	68 039	948	2 071	27 068	193 991	381 193	571 792	16 748
311	Food manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	3	3	g	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
311511	Fluid milk 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)				
HUNTSVILLE													
31-33	Manufacturing	-	220	92	19 179	814 255	12 830	26 555	483 645	2 226 373	3 432 000	5 659 876	221 387
311	Food manufacturing	2	9	5	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	12	7	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	9	6	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	3	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	-	3	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	-	9	5	f	D	D	D	D	D	D	D	6 543
3272	Glass and glass product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	3	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	38	13	1 666	56 085	1 324	2 770	38 529	100 285	72 916	179 656	6 091
334	Computer and electronic product manufacturing	-	'38	'24	'6 822	'255 435	'4 034	'8 509	'105 294	'787 229	'1 562 291	'2 381 623	'65 400
3342	Communications equipment manufacturing	-	5	4	h	D	D	D	D	D	D	D	D
33421	Telephone apparatus manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
334210	Telephone apparatus manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	'15	'10	'1 038	'50 105	'540	'1 047	'19 944	'156 536	'468 512	'657 079	'11 705
33441	Semiconductor and other electronic component manufacturing	-	'15	'10	'1 038	'50 105	'540	'1 047	'19 944	'156 536	'468 512	'657 079	'11 705
334418	Printed circuit assembly (electronic assembly) manufacturing	-	6	4	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	2	8	4	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	2	8	4	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	-	3	2	g	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media ...	-	3	2	g	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	-	2	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	13	6	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	6	3	h	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	-	2	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)				
HUNTSVILLE—Con.													
336	Transportation equipment manufacturing—Con.												
3364	Aerospace product and parts manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	5	2	g	D	D	D	D	D	D	D	D
336414	Guided missile and space vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
JACKSON													
31-33	Manufacturing	-	10	5	1 360	49 060	1 154	2 135	36 399	186 975	217 652	378 532	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
JASPER													
31-33	Manufacturing	4	27	6	865	23 642	771	1 697	19 182	47 312	88 068	134 944	3 360
LANETT													
31-33	Manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
LEEDS													
31-33	Manufacturing	1	35	9	825	34 266	563	1 176	18 951	113 882	80 519	187 377	3 252
MADISON													
31-33	Manufacturing	-	29	12	g	D	D	D	D	D	D	D	D
MOBILE													
31-33	Manufacturing	-	166	47	8 390	326 940	6 247	12 739	228 760	1 169 120	727 762	1 915 248	81 910
321	Wood product manufacturing	2	11	7	525	14 091	398	833	8 860	22 736	55 512	77 737	D
322	Paper manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	2	2	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
336	Transportation equipment manufacturing	-	12	8	4 033	156 552	3 123	6 370	119 716	248 839	203 635	460 155	9 097
3364	Aerospace product and parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	1	1	g	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
3366	Ship and boat building	-	9	5	g	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	9	5	g	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	-	7	5	g	D	D	D	D	D	D	D	D
MONROEVILLE													
31-33	Manufacturing	-	7	3	701	24 068	568	1 202	18 832	39 823	106 111	145 104	D
321	Wood product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product 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.

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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)				
MONTGOMERY													
31-33	Manufacturing	2	188	77	9 514	299 568	7 239	14 751	189 599	1 199 504	1 143 298	2 341 095	45 333
311	Food manufacturing	6	16	12	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	7	3	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	7	3	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	15	10	521	13 333	433	905	8 531	33 156	38 520	71 715	1 701
326	Plastics and rubber products manufacturing	—	6	5	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	5	4	f	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326111	Plastics bag manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	28	10	1 353	45 752	1 064	2 145	31 121	134 379	130 771	259 356	D
3323	Architectural and structural metals manufacturing	3	14	6	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	—	7	2	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
3352	Household appliance manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing ..	—	1	1	g	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing ...	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	3	5	4	f	D	D	D	D	D	D	D	D
MUSCLE SHOALS													
31-33	Manufacturing	—	36	12	2 088	105 065	1 467	2 960	76 922	270 990	619 024	806 598	25 142
331	Primary metal manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	1	1	g	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	1	1	g	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
OPELIKA													
31-33	Manufacturing	—	41	16	3 553	132 070	2 882	5 293	96 264	362 045	360 348	714 182	11 574
313	Textile mills	—	3	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	2	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
OPP													
31-33	Manufacturing	9	7	3	f	D	D	D	D	D	D	D	D
313	Textile mills	9	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	9	1	1	f	D	D	D	D	D	D	D	D
OZARK													
31-33	Manufacturing	1	9	5	607	13 259	474	846	7 757	25 341	19 252	44 664	D
PELHAM													
31-33	Manufacturing	1	53	19	1 551	52 949	1 043	2 126	26 536	175 392	103 501	276 272	14 064
332	Fabricated metal product manufacturing	—	13	7	558	20 929	333	688	9 062	72 126	44 239	114 444	D
PELL CITY													
31-33	Manufacturing	—	32	14	1 423	41 424	1 127	2 058	28 610	251 966	173 677	428 996	9 941
PHENIX CITY													
31-33	Manufacturing	3	23	5	1 084	35 792	877	1 983	25 758	106 891	74 886	182 792	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
PIEDMONT													
31-33	Manufacturing	-	9	5	905	20 879	744	1 366	15 016	80 304	59 366	140 605	D
PRATTVILLE													
31-33	Manufacturing	-	17	6	g	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
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
PRICHARD													
31-33	Manufacturing	-	21	7	525	16 630	348	704	9 257	44 693	60 250	104 698	D
RED BAY													
31-33	Manufacturing	6	12	5	1 061	35 954	843	1 584	23 546	96 615	179 236	276 723	D
ROANOKE													
31-33	Manufacturing	4	11	5	971	24 778	775	1 445	17 609	52 813	68 289	120 748	D
313	Textile mills	4	2	2	f	D	D	D	D	D	D	D	D
RUSSELLVILLE													
31-33	Manufacturing	5	17	7	f	D	D	D	D	D	D	D	D
SARALAND													
31-33	Manufacturing	-	16	5	f	D	D	D	D	D	D	D	D
SCOTTSBORO													
31-33	Manufacturing	6	38	12	3 291	91 250	2 645	5 854	61 607	333 753	458 303	763 851	63 299
314	Textile product mills	9	2	2	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	2	2	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	2	2	g	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	2	2	g	D	D	D	D	D	D	D	D
SELMA													
31-33	Manufacturing	1	36	14	3 167	92 721	2 582	5 376	70 277	245 082	293 637	502 437	27 334
333	Machinery manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
SYLACAUGA													
31-33	Manufacturing	3	28	9	1 008	33 230	849	1 531	23 774	146 023	150 592	294 293	D
TALLADEGA													
31-33	Manufacturing	1	27	13	g	D	D	D	D	D	D	D	D
TALLASSEE													
31-33	Manufacturing	2	14	6	g	D	D	D	D	D	D	D	17 032
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
32619	Other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
TARRANT													
31-33	Manufacturing	-	23	5	610	26 227	467	1 006	18 381	68 002	83 502	149 987	D
TROY													
31-33	Manufacturing	1	18	11	1 402	37 738	1 199	2 275	28 349	98 679	125 492	224 037	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TRUSSVILLE													
31-33	Manufacturing	-	19	10	1 023	34 026	612	1 187	15 304	79 175	77 902	156 675	3 060
339	Miscellaneous manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
TUSCALOOSA													
31-33	Manufacturing	-	79	29	5 274	182 799	4 230	7 885	132 607	501 736	767 824	1 270 911	D
311	Food manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	3	2	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	3	2	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
UNION SPRINGS													
31-33	Manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
VALLEY													
31-33	Manufacturing	1	8	5	g	D	D	D	D	D	D	D	3 215
313	Textile mills	1	4	4	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	3	3	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	3	3	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	3	3	f	D	D	D	D	D	D	D	D
WETUMPKA													
31-33	Manufacturing	2	17	5	f	D	D	D	D	D	D	D	D
313	Textile mills	2	3	3	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	2	3	3	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	2	3	3	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	2	3	3	f	D	D	D	D	D	D	D	D
WINFIELD													
31-33	Manufacturing	-	8	4	553	22 347	331	745	11 454	76 878	49 018	125 322	D
BALANCE OF BALDWIN COUNTY													
31-33	Manufacturing	1	70	9	1 345	39 890	1 007	2 188	24 793	79 919	117 348	197 542	4 323
331	Primary metal manufacturing	-	2	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
331524	Aluminum foundries (except die-casting)	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF BARBOUR COUNTY													
31-33	Manufacturing	-	9	6	1 765	31 506	1 651	3 025	28 311	41 616	107 898	151 630	D
311	Food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	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)				
BALANCE OF BLOUNT COUNTY													
31-33	Manufacturing	8	35	5	1 404	31 602	1 251	2 241	25 855	60 828	34 148	95 811	4 940
311	Food manufacturing	9	2	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	2	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	2	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF CALHOUN COUNTY													
31-33	Manufacturing	-	48	15	2 411	72 754	1 990	3 802	49 769	316 315	202 079	509 818	6 604
332	Fabricated metal product manufacturing	-	15	5	f	D	D	D	D	D	D	D	D
BALANCE OF CHAMBERS COUNTY													
31-33	Manufacturing	-	19	8	2 364	70 761	2 133	4 382	60 556	194 751	198 966	395 263	5 804
313	Textile mills	-	1	1	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF CHEROKEE COUNTY													
31-33	Manufacturing	-	14	4	732	20 649	658	1 273	16 642	78 198	135 582	211 937	D
BALANCE OF CHILTON COUNTY													
31-33	Manufacturing	-	23	6	645	22 548	550	1 237	17 443	62 515	90 310	151 112	1 842
BALANCE OF CHOCTAW COUNTY													
31-33	Manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32213	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF CLARKE COUNTY													
31-33	Manufacturing	-	12	4	565	18 508	450	997	12 747	21 520	73 877	94 331	D
BALANCE OF CLAY COUNTY													
31-33	Manufacturing	4	12	5	2 299	62 112	1 893	3 287	44 556	161 746	60 062	222 922	D
311	Food manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	9	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	4	3	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	4	3	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing	1	4	3	g	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	1	4	3	g	D	D	D	D	D	D	D	D
BALANCE OF COFFEE COUNTY													
31-33	Manufacturing	1	8	3	f	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF COLBERT COUNTY													
31-33	Manufacturing	-	42	16	1 071	41 941	693	1 398	24 271	128 005	184 419	313 652	9 731

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)				
BALANCE OF COOSA COUNTY													
31-33	Manufacturing	-	10	4	674	19 169	620	1 238	15 930	31 399	48 185	78 701	1 670
BALANCE OF CULLMAN COUNTY													
31-33	Manufacturing	-	45	9	1 367	38 209	1 154	2 046	27 674	78 154	121 652	195 594	D
BALANCE OF DALLAS COUNTY													
31-33	Manufacturing	-	21	8	1 564	73 388	1 214	2 481	52 180	245 797	234 512	479 762	29 667
322	Paper manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF DEKALB COUNTY													
31-33	Manufacturing	1	69	20	2 582	58 164	2 308	4 370	46 570	197 357	108 385	304 458	D
311	Food manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	4	25	7	571	10 762	522	966	8 710	19 897	26 788	46 825	D
3151	Apparel knitting mills	4	21	7	f	D	D	D	D	D	D	D	D
BALANCE OF ETOWAH COUNTY													
31-33	Manufacturing	1	23	6	1 412	32 939	1 263	2 357	27 329	86 050	182 401	267 983	3 215
311	Food manufacturing	1	4	4	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	3	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	3	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing	1	2	2	g	D	D	D	D	D	D	D	D
BALANCE OF FAYETTE COUNTY													
31-33	Manufacturing	2	11	7	660	17 833	586	1 207	14 510	46 032	54 861	100 957	D
BALANCE OF FRANKLIN COUNTY													
31-33	Manufacturing	-	22	4	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF HALE COUNTY													
31-33	Manufacturing	-	11	6	f	D	D	D	D	D	D	D	D
BALANCE OF HOUSTON COUNTY													
31-33	Manufacturing	-	26	9	1 090	31 963	700	1 415	15 981	82 069	122 858	211 789	D
BALANCE OF JACKSON COUNTY													
31-33	Manufacturing	-	35	5	g	D	D	D	D	D	D	D	D

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)
BALANCE OF JEFFERSON COUNTY													
31-33	Manufacturing	2	128	34	4 072	133 693	2 862	5 334	76 866	307 022	381 752	693 234	26 301
311	Food manufacturing	6	6	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	2	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	2	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .	9	1	1	f	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	45	12	1 089	40 011	791	1 623	26 007	101 170	118 864	225 971	17 029
BALANCE OF LAMAR COUNTY													
31-33	Manufacturing	—	21	10	2 272	73 933	1 796	3 353	49 416	141 797	175 761	319 564	8 034
321	Wood product manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
BALANCE OF LAUDERDALE COUNTY													
31-33	Manufacturing	2	31	10	888	19 228	746	1 255	14 505	47 522	41 999	88 772	2 145
BALANCE OF LAWRENCE COUNTY													
31-33	Manufacturing	—	15	3	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF LEE COUNTY													
31-33	Manufacturing	—	18	4	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
32213	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF LIMESTONE COUNTY													
31-33	Manufacturing	—	38	10	3 094	190 858	2 731	5 787	172 364	456 513	218 499	675 141	20 080
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
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
BALANCE OF LOWNDES COUNTY													
31-33	Manufacturing	9	12	5	f	D	D	D	D	D	D	D	D
BALANCE OF MADISON COUNTY													
31-33	Manufacturing	1	91	18	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)				
BALANCE OF MARENGO COUNTY													
31-33	Manufacturing	-	6	2	f	D	D	D	D	D	D	D	804
321	Wood product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
32191	Millwork	-	1	1	f	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF MARION COUNTY													
31-33	Manufacturing	-	22	7	1 277	38 315	1 038	1 818	25 297	163 736	105 662	267 664	5 568
321	Wood product manufacturing	-	12	5	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF MARSHALL COUNTY													
31-33	Manufacturing	-	25	7	867	24 078	602	1 198	13 153	60 416	83 418	142 279	D
BALANCE OF MOBILE COUNTY													
31-33	Manufacturing	-	163	60	6 854	300 977	4 516	9 120	167 084	857 760	1 388 855	2 226 094	112 227
325	Chemical manufacturing	-	24	16	2 892	165 401	1 574	3 316	76 051	560 241	736 012	1 269 107	86 377
3251	Basic chemical manufacturing ...	-	13	10	g	D	D	D	D	D	D	D	70 404
32519	Other basic organic chemical manufacturing	-	6	6	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	5	5	1 397	83 883	718	1 653	35 323	30 537	266 991	301 072	D
332	Fabricated metal product manufacturing	4	38	12	1 211	39 732	932	1 948	27 332	77 011	58 524	134 900	3 586
3328	Coating, engraving, heat treating, and allied activities	6	5	2	651	20 091	515	1 097	13 917	37 658	17 815	54 945	D
33281	Coating, engraving, heat treating, and allied activities ..	6	5	2	651	20 091	515	1 097	13 917	37 658	17 815	54 945	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	6	3	2	f	D	D	D	D	D	D	D	D
BALANCE OF MONROE COUNTY													
31-33	Manufacturing	6	13	8	1 749	79 261	1 274	2 851	54 537	315 075	488 862	807 036	D
322	Paper manufacturing	9	3	3	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	9	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF MONTGOMERY COUNTY													
31-33	Manufacturing	1	27	7	704	24 237	516	955	14 243	57 436	58 954	114 508	3 574
BALANCE OF MORGAN COUNTY													
31-33	Manufacturing	-	84	27	6 492	260 810	4 995	9 588	166 701	781 997	2 055 839	2 845 651	D
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	1	1	f	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D

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)				
BALANCE OF MORGAN COUNTY—Con.													
325	Chemical manufacturing	-	7	3	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	5	2	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing	-	1	1	f	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying	-	1	1	f	D	D	D	D	D	D	D	D
331421	Copper rolling, drawing, and extruding	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	3	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF RANDOLPH COUNTY													
31-33	Manufacturing	-	14	3	719	15 355	651	1 278	13 168	21 831	49 871	76 462	D
337	Furniture and related product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF SHELBY COUNTY													
31-33	Manufacturing	2	43	16	1 528	57 336	1 198	2 517	37 223	164 634	146 955	310 950	D
327	Nonmetallic mineral product manufacturing	2	12	7	674	30 560	529	1 123	22 347	114 929	74 480	187 382	D
BALANCE OF TALLADEGA COUNTY													
31-33	Manufacturing	-	34	15	4 635	177 801	3 865	8 415	127 205	225 299	521 817	740 244	D
313	Textile mills	-	3	3	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D

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 TUSCALOOSA COUNTY													
31-33	Manufacturing	-	64	21	5 916	292 646	4 320	9 098	192 060	829 003	3 334 512	4 158 654	D
326	Plastics and rubber products manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	2	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
334	Computer and electronic product manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	-	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BALANCE OF WASHINGTON COUNTY													
31-33	Manufacturing	6	12	3	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	6	8	2	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	6	6	2	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF WILCOX COUNTY													
31-33	Manufacturing	-	12	6	g	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
32213	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF WINSTON COUNTY													
31-33	Manufacturing	-	43	20	2 590	61 172	2 122	4 252	45 957	139 905	258 555	398 649	D
321	Wood product manufacturing	-	12	9	1 906	46 810	1 560	3 171	35 374	109 337	219 243	328 538	D
3219	Other wood product manufacturing	-	9	6	g	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	6	5	g	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	-	5	5	g	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 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
ALABAMA	
Companies ¹	N
All establishments ²	5 119
Establishments with 1 to 19 employees	3 306
Establishments with 20 to 99 employees	1 166
Establishments with 100 employees or more	647
All employees ³	284 127
Total compensation	12 287 981
Annual payroll	9 744 347
Total fringe benefits	2 543 634
Production workers, average for year	220 348
Production workers on March 12	219 968
Production workers on May 12	221 426
Production workers on August 12	221 979
Production workers on November 12	217 620
Production worker hours	438 810
Production worker wages	6 650 500
Total cost of materials	'38 362 679
Materials, parts, containers, packaging, etc., used	34 032 369
Resales	'1 494 272
Purchased fuels	1 127 400
Purchased electricity	1 018 925
Contract work	689 713
Quantity of electricity purchased for heat and power	25 877 090
Quantity of electricity generated less sold for heat and power	3 198 602
Total value of shipments	66 686 220
Value of resales	'1 769 153
Value added	'28 641 670
Total inventories, beginning of year	6 255 071
Finished goods inventories	2 525 553
Work-in-process inventories	1 448 132
Materials and supplies inventories	2 281 386
Total inventories, end of year	6 936 263
Finished goods inventories	2 740 405
Work-in-process inventories	1 538 965
Materials and supplies inventories	2 656 893
Gross value of depreciable assets (acquisition costs) at beginning of year	36 467 840
Total capital expenditures (new and used)	3 070 882
Buildings and other structures (new and used)	531 421
Machinery and equipment (new and used)	2 539 461
Automobiles, trucks, etc., for highway use	68 294
Computers and peripheral data processing equipment	118 815
All other expenditures for machinery and equipment	2 352 352
Total retirements	1 386 276
Gross value of depreciable assets at end of year	38 152 446
Depreciation charges during year	2 304 353
Total rental payments	467 728
Buildings and other structures	198 135
Machinery and equipment	269 593

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:

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

31121 FLOUR MILLING AND MALT MANUFACTURING

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

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

311211 FLOUR MILLING

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

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

311212 RICE MILLING

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

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

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

311213 MALT MANUFACTURING

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

31122 STARCH AND VEGETABLE FATS AND OILS MANUFACTURING

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

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

311221 WET CORN MILLING

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

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;

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3. Manufacturing frozen seafood; and
 4. Processing fresh and frozen marine fats and oils.

3118 BAKERIES AND TORTILLA MANUFACTURING

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

1. Bread and bakery product manufacturing;
2. Cookie, cracker, and pasta manufacturing; and
3. Tortilla manufacturing.

31181 BREAD AND BAKERY PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing fresh and frozen bread and other bakery products.

311811 RETAIL BAKERIES

This U.S. industry comprises establishments primarily engaged in retailing bread and other bakery products not for immediate consumption made on the premises from flour, not from prepared dough.

311812 COMMERCIAL BAKERIES

This U.S. industry comprises establishments primarily engaged in manufacturing fresh and frozen bread and bread-type rolls and other fresh bakery (except cookies and crackers) products.

311813 FROZEN CAKES, PIES, AND OTHER PASTRIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing frozen bakery products (except bread), such as cakes, pies, and doughnuts.

31182 COOKIE, CRACKER, AND PASTA MANUFACTURING

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

1. Manufacturing cookies and crackers;
2. Preparing flour and dough mixes and dough from flour ground elsewhere; and
3. Manufacturing dry pasta.

The establishments in this industry may package the dry pasta they manufacture with other ingredients.

311821 COOKIE AND CRACKER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing cookies, crackers, and other products, such as ice cream cones.

311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR

This U.S. industry comprises establishments primarily engaged in manufacturing prepared flour mixes or dough mixes from flour ground elsewhere.

311823 DRY PASTA MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing dry pasta. The establishments in this industry may package the dry pasta they manufacture with other ingredients.

311821 COOKIE AND CRACKER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing cookies, crackers, and other products, such as ice cream cones.

311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR

This U.S. industry comprises establishments primarily engaged in manufacturing prepared flour mixes or dough mixes from flour ground elsewhere.

311823 DRY PASTA MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing dry pasta. The establishments in this industry may package the dry pasta they manufacture with other ingredients.

31183 TORTILLA MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing tortillas.

311830 TORTILLA MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing tortillas.

3119 OTHER FOOD MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing food (except animal food; grain and oilseed milling; sugar and confectionery products; preserved fruit, vegetable, and specialty foods; dairy products; meat products; seafood products; and bakeries and tortillas). The industry group includes industries with different productive processes, such as snack food manufacturing; coffee and tea manufacturing; concentrate, syrup, condiment, and spice manufacturing; and, in general, an entire range of other miscellaneous food product manufacturing.

31191 SNACK FOOD MANUFACTURING

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

1. Salting, roasting, drying, cooking, or canning nuts;
2. Processing grains or seeds into snacks;
3. Manufacturing peanut butter; and
4. Manufacturing potato chips, corn chips, popped popcorn, pretzels (except soft), pork rinds, and similar snacks.

311911 ROASTED NUTS AND PEANUT BUTTER MANUFACTURING

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

1. Salting, roasting, drying, cooking, or canning nuts;
2. Processing grains or seeds into snacks; and
3. Manufacturing peanut butter.

311919 OTHER SNACK FOOD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing snack foods (except roasted nuts and peanut butter).

31192 COFFEE AND TEA MANUFACTURING

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

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1. Roasting coffee;
 2. Manufacturing coffee and tea concentrates (including instant and freeze-dried);
 3. Blending tea;
 4. Manufacturing herbal tea; and
 5. Manufacturing coffee extracts, flavorings, and syrups.

311920 COFFEE AND TEA MANUFACTURING

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

1. Roasting coffee;
2. Manufacturing coffee and tea concentrates (including instant and freeze-dried);
3. Blending tea;
4. Manufacturing herbal tea; and
5. Manufacturing coffee extracts, flavorings, and syrups.

31193 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing flavoring syrup drink concentrates and related products for soda fountain use or for the manufacture of soft drinks.

311930 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing flavoring syrup drink concentrates and related products for soda fountain use or for the manufacture of soft drinks.

31194 SEASONING AND DRESSING MANUFACTURING

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

1. Manufacturing dressings and sauces, such as mayonnaise, salad dressing, vinegar, mustard, horseradish, soy sauce, tarter sauce, Worcestershire sauce, and other prepared sauces (except tomato-based and gravies);
2. Manufacturing spices, table salt, seasoning, and flavoring extracts (except coffee and meat), and natural food colorings; and
3. Manufacturing dry mix food preparations, such as salad dressing mixes, gravy and sauce mixes, frosting mixes, and other dry mix preparations.

311941 MAYONNAISE, DRESSING, AND OTHER PREPARED SAUCE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mayonnaise, salad dressing, vinegar, mustard, horseradish, soy sauce, tarter sauce, Worcestershire sauce, and other prepared sauces (except tomato-based and gravy).

311942 SPICE AND EXTRACT MANUFACTURING

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

1. Manufacturing spices, table salt, seasonings, flavoring extracts (except coffee and meat), and natural food colorings and/or
2. Manufacturing dry mix food preparations, such as salad dressing mixes, gravy and sauce mixes, frosting mixes, and other dry mix preparations.

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:

-
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:

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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

ALABAMA

Arab is in Cullman and Marshall Counties.

Bayou La Batre is now tabulated separately due to a population increase. This change deletes territory from the Balance of Mobile County.

Birmingham is in Jefferson and Shelby Counties.

Boaz is in Etowah and Marshall Counties.

Calera is in Chilton and Shelby Counties; it is now tabulated separately due to a population increase. This change deletes territory from the Balances of Chilton and Shelby Counties.

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

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

Childersburg is in Shelby and Talladega Counties.

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

Decatur is in Limestone and Morgan Counties.

Dothan is in Dale, Henry, and Houston Counties.

East Brewton is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Escambia County.

Enterprise is in Coffee and Dale Counties.

Glencoe is in Calhoun and Etowah Counties.

Haleyville is in Marion and Winston Counties.

Helena is in Jefferson and Shelby Counties; it annexed into Jefferson County in March 1996, but this change was not submitted to the Census Bureau until August 1998. This change deletes territory from the Balance of Jefferson County.

Hoover is in Jefferson and Shelby Counties.

Huntsville is in Limestone and Madison Counties.

La Fayette name corrected from Lafayette in August 1999.

Leeds is in Jefferson, St. Clair, and Shelby Counties.

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

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

Madison is in Limestone and Madison Counties.

Millbrook is in Autauga and Elmore Counties; it annexed into Autauga County in February 1999. This change deletes territory from the Balance of Autauga County.

Oxford is in Calhoun and Talladega Counties.

Phenix City is in Lee and Russell Counties.

Piedmont is in Calhoun and Cherokee Counties.

Prattville is in Autauga and Elmore Counties.

Smiths Station incorporated in June 2001. This change deletes territory from the Balance of Lee County.

Southside is in Calhoun and Etowah Counties.

Springville is now tabulated separately due to a population increase. This change deletes territory from the Balance of St. Clair County.

Sumiton is in Jefferson and Walker Counties.

Tallassee is in Elmore and Tallapoosa Counties.

Trussville is in Jefferson and St. Clair Counties.

Vestavia Hills is in Jefferson and Shelby Counties.

Warrior is in Blount and Jefferson Counties; it was erroneously reported in Blount County in April 1997; a correction deleting Warrior from Blount County was reported in 2003 too late to be included in the Economic Census. This change deletes territory from the Balance of Blount County.

Winfield is in Fayette and Marion Counties.

Balance of Autauga County lost territory due to the annexation of Millbrook into the county.

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

Balance of Blount County lost territory due to the erroneous addition of Warrior in the county; a correction deleting Warrior from the county was reported in 2003 too late to be included in the Economic Census.

Balance of Chilton County no longer includes Calera (part), which is tabulated separately due to a population increase.

Balance of Escambia County includes East Brewton, which is no longer tabulated separately due to a population decrease.

Balance of Jefferson County includes Lipscomb, which is no longer tabulated separately due to a population decrease and lost territory due to the annexation of Helena into the county.

Balance of Lee County lost territory due to the incorporation of Smiths Station.

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

Balance of Mobile County no longer includes Bayou La Batre, which is tabulated separately due to a population increase.

Balance of St. Clair County no longer includes Springville, which is tabulated separately due to a population increase.

Balance of Shelby County no longer includes Calera (part) and Chelsea, which are tabulated separately due to a population increase.

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

Appendix E.

Metropolitan and Micropolitan Statistical Areas

ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA

Atlanta-Sandy Springs-Marietta, GA Metropolitan Statistical Area

Barrow County, GA

Bartow County, GA

Butts County, GA

Carroll County, GA

Cherokee County, GA

Clayton County, GA

Cobb County, GA

Coweta County, GA

Dawson County, GA

DeKalb County, GA

Douglas County, GA

Fayette County, GA

Forsyth County, GA

Fulton County, GA

Gwinnett County, GA

Haralson County, GA

Heard County, GA

Henry County, GA

Jasper County, GA

Lamar County, GA

Meriwether County, GA

Newton County, GA

Paulding County, GA

Pickens County, GA

Pike County, GA

Rockdale County, GA

Spalding County, GA

Walton County, GA

Cedartown, GA Micropolitan Statistical Area

Polk County, GA

Gainesville, GA Metropolitan Statistical Area

Hall County, GA

LaGrange, GA Micropolitan Statistical Area

Troup County, GA

Thomaston, GA Micropolitan Statistical Area

Upson County, GA

Valley, AL Micropolitan Statistical Area

Chambers County, AL

BIRMINGHAM-HOOVER-CULLMAN, AL COMBINED STATISTICAL AREA

Birmingham-Hoover, AL Metropolitan Statistical Area

Bibb County, AL

Blount County, AL

Chilton County, AL

Jefferson County, AL

St. Clair County, AL

Shelby County, AL

Walker County, AL

Cullman, AL Micropolitan Statistical Area

Cullman County, AL

COLUMBUS-AUBURN-OPELIKA, GA-AL COMBINED STATISTICAL AREA

Auburn-Opelika, AL Metropolitan Statistical Area

Lee County, AL

Columbus, GA-AL Metropolitan Statistical Area

Russell County, AL

Chattahoochee County, GA

Harris County, GA

Marion County, GA

Muscogee County, GA

Tuskegee, AL Micropolitan Statistical Area

Macon County, AL

DOTHAN-ENTERPRISE-OZARK, AL COMBINED STATISTICAL AREA

Dothan, AL Metropolitan Statistical Area

Geneva County, AL

Henry County, AL

Houston County, AL

Enterprise-Ozark, AL Micropolitan Statistical Area

Coffee County, AL

Dale County, AL

HUNTSVILLE-DECATUR, AL COMBINED STATISTICAL AREA

Decatur, AL Metropolitan Statistical Area

Lawrence County, AL

Morgan County, AL

Huntsville, AL Metropolitan Statistical Area

Limestone County, AL

Madison County, AL

MOBILE-DAPHNE-FAIRHOPE, AL COMBINED STATISTICAL AREA

Daphne-Fairhope, AL Micropolitan Statistical Area

Baldwin County, AL

Mobile, AL Metropolitan Statistical Area

Mobile County, AL

ALBERTVILLE, AL MICROPOLITAN STATISTICAL AREA

Marshall County, AL

ANNISTON-OXFORD, AL METROPOLITAN STATISTICAL AREA

Calhoun County, AL

FLORENCE, AL METROPOLITAN STATISTICAL AREA

Colbert County, AL

Lauderdale County, AL

GADSDEN, AL METROPOLITAN STATISTICAL AREA

Etowah County, AL

MONTGOMERY, AL METROPOLITAN STATISTICAL AREA

Autauga County, AL

Elmore County, AL

Lowndes County, AL

Montgomery County, AL

SCOTTSBORO, AL MICROPOLITAN STATISTICAL AREA

Jackson County, AL

SELMA, AL MICROPOLITAN STATISTICAL AREA

Dallas County, AL

TALLADEGA-SYLACAUGA, AL MICROPOLITAN STATISTICAL AREA

Talladega County, AL

TROY, AL MICROPOLITAN STATISTICAL AREA

Pike County, AL

TUSCALOOSA, AL METROPOLITAN STATISTICAL AREA

Greene County, AL

Hale County, AL

Tuscaloosa County, AL

