

Georgia: 2002

Issued September 2005

EC02-31A-GA (RV)

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)				
GEORGIA													
31-33	Manufacturing	1	'8 805	'3 033	'452 625	'15 709 628	'345 762	'693 583	'10 249 728	'59 651 286	'65 788 592	'126 156 636	'3 212 978
311	Food manufacturing	1	579	238	58 150	1 610 644	47 348	95 162	1 155 733	8 487 159	8 443 797	16 997 293	405 057
3111	Animal food manufacturing	1	62	25	1 536	59 981	1 105	1 988	37 639	372 745	996 307	1 352 699	19 026
31111	Animal food manufacturing	1	62	25	1 536	59 981	1 105	1 988	37 639	372 745	996 307	1 352 699	19 026
311111	Dog and cat food manufacturing	-	7	4	460	21 095	350	566	14 304	245 412	236 513	466 270	D
311119	Other animal food manufacturing	2	55	21	1 076	38 886	755	1 422	23 335	127 333	759 794	886 429	D
3112	Grain and oilseed milling	-	25	15	1 383	62 999	941	2 138	39 021	822 181	1 073 932	1 895 435	43 131
31121	Flour milling and malt manufacturing	-	9	2	e	D	D	D	D	D	D	D	D
311211	Flour milling	-	9	2	e	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing	-	14	11	763	27 867	556	1 244	17 927	305 924	865 930	1 171 113	D
311222	Soybean processing	-	2	2	c	D	D	D	D	D	D	D	D
311223	Other oilseed processing	-	4	4	c	D	D	D	D	D	D	D	2 190
311225	Fats and oils refining and blending	1	8	5	371	15 270	265	597	10 192	36 216	303 042	337 481	6 148
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	6	33	11	h	D	D	D	D	D	D	D	D
31131	Sugar manufacturing	6	3	2	f	D	D	D	D	D	D	D	D
311312	Cane sugar refining	6	2	2	f	D	D	D	D	D	D	D	D
31132	Chocolate and confectionery manufacturing from cacao beans	-	2	2	c	D	D	D	D	D	D	D	D
311320	Chocolate and confectionery manufacturing from cacao beans	-	2	2	c	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	7	16	7	1 780	31 624	1 513	2 054	23 118	319 107	208 579	531 263	D
311340	Nonchocolate confectionery manufacturing	7	16	7	1 780	31 624	1 513	2 054	23 118	319 107	208 579	531 263	D
3114	Fruit and vegetable preserving and specialty food manufacturing	2	20	9	1 383	41 609	1 123	2 344	28 019	221 435	162 906	384 096	20 649
31141	Frozen food manufacturing	-	7	3	710	19 252	614	1 197	14 768	59 645	59 193	118 840	2 444
311411	Frozen fruit, juice, and vegetable manufacturing ...	-	1	1	e	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying	2	13	6	673	22 357	509	1 147	13 251	161 790	103 713	265 256	18 205
311421	Fruit and vegetable canning .	1	8	3	325	10 643	280	638	8 263	97 304	76 079	173 383	D
311422	Specialty canning	2	3	2	c	D	D	D	D	D	D	D	D
311423	Dried and dehydrated food manufacturing	9	2	1	c	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	4	13	4	f	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing	5	11	3	342	14 428	273	603	10 452	51 365	191 832	243 138	D
311513	Cheese manufacturing	9	3	1	c	D	D	D	D	D	D	D	D
311514	Dry, condensed, and evaporated dairy product manufacturing	8	2	1	c	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	-	2	1	c	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	-	2	1	c	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	131	70	33 009	784 268	29 383	60 944	637 849	2 283 145	3 137 592	5 406 322	108 108
31161	Animal slaughtering and processing	1	131	70	33 009	784 268	29 383	60 944	637 849	2 283 145	3 137 592	5 406 322	108 108
311611	Animal (except poultry) slaughtering	1	43	4	972	41 152	648	1 513	34 383	51 315	225 118	277 653	D
311612	Meat processed from carcasses	-	35	21	3 402	103 250	2 706	5 594	70 551	391 142	782 898	1 179 894	12 470
311613	Rendering and meat byproduct processing	4	11	8	440	15 244	234	519	7 198	60 864	52 137	112 926	D
311615	Poultry processing	1	42	37	28 195	624 622	25 795	53 318	525 717	1 779 824	2 077 439	3 835 849	56 125
3117	Seafood product preparation and packaging	-	9	3	968	28 729	598	806	14 489	49 522	187 119	236 515	D
31171	Seafood product preparation and packaging	-	9	3	968	28 729	598	806	14 489	49 522	187 119	236 515	D
311712	Fresh and frozen seafood processing	-	7	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	3	194	59	11 519	363 647	7 818	15 134	222 047	1 667 712	788 825	2 455 210	56 916
31181	Bread and bakery product manufacturing	1	164	37	6 798	198 817	3 946	7 840	101 051	590 824	387 876	976 235	31 456
311811	Retail bakeries	2	102	6	747	12 040	454	707	7 086	22 130	12 306	34 490	619
311812	Commercial bakeries	-	53	23	4 693	143 194	2 669	5 530	71 820	491 903	257 259	747 801	26 135
311813	Frozen cakes, pies, and other pastries manufacturing	1	9	8	1 358	43 583	823	1 603	22 145	76 791	118 311	193 944	4 702

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GEORGIA—Con.													
311	Food manufacturing—Con.												
3118	Bakeries and tortilla manufacturing—Con.												
31182	Cookie, cracker, and pasta manufacturing	4	23	16	3 838	142 496	3 116	5 959	103 679	990 505	356 562	1 348 211	23 915
311821	Cookie and cracker manufacturing	5	13	9	3 019	113 757	2 508	4 676	83 983	831 387	275 298	1 107 830	19 783
311822	Flour mixes and dough manufacturing from purchased flour	—	8	6	f	D	D	D	D	D	D	D	D
31183	Tortilla manufacturing	2	7	6	883	22 334	756	1 335	17 317	86 383	44 387	130 764	1 545
311830	Tortilla manufacturing	2	7	6	883	22 334	756	1 335	17 317	86 383	44 387	130 764	1 545
3119	Other food manufacturing	—	92	42	5 199	180 653	3 798	7 300	114 163	2 571 590	1 226 077	3 891 256	39 027
31191	Snack food manufacturing	—	18	13	g	D	D	D	D	D	D	D	12 717
311911	Roasted nuts and peanut butter manufacturing	—	13	9	1 082	41 772	796	1 489	28 108	283 337	448 999	822 586	D
311919	Other snack food manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing	3	6	3	c	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing	3	6	3	c	D	D	D	D	D	D	D	D
31193	Flavoring syrup and concentrate manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
311930	Flavoring syrup and concentrate manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing	—	13	8	f	D	D	D	D	D	D	D	7 532
311941	Mayonnaise, dressing, and other prepared sauce manufacturing	1	7	5	567	22 254	314	671	9 810	75 318	117 601	192 919	4 709
311942	Spice and extract manufacturing	—	6	3	e	D	D	D	D	D	D	D	2 823
31199	All other food manufacturing	2	50	16	1 475	47 025	1 086	2 215	29 078	206 551	193 654	400 241	7 065
311991	Perishable prepared food manufacturing	4	10	4	671	20 313	520	1 007	13 100	87 347	40 506	127 945	2 305
311999	All other miscellaneous food manufacturing	2	40	12	804	26 712	566	1 208	15 978	119 204	153 148	272 296	4 760
312	Beverage and tobacco product manufacturing	1	63	22	6 678	342 921	4 266	8 150	203 828	4 879 742	1 952 376	6 828 143	134 179
3121	Beverage manufacturing	3	59	20	h	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	46	16	2 450	76 905	1 105	2 222	29 438	384 625	533 307	913 926	51 476
312111	Soft drink manufacturing	1	13	11	1 874	60 456	795	1 618	21 906	308 681	496 226	800 779	47 141
312112	Bottled water manufacturing	—	9	3	332	10 101	158	316	4 578	58 154	31 163	89 501	2 778
312113	Ice manufacturing	2	24	2	244	6 348	152	288	2 954	17 790	5 918	23 646	1 557
31212	Breweries	4	7	2	g	D	D	D	D	D	D	D	D
312120	Breweries	4	7	2	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	—	1	1	g	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	244	166	38 341	1 026 849	34 118	69 418	826 048	2 464 369	3 752 232	6 276 983	227 495
3131	Fiber, yarn, and thread mills	1	87	65	17 451	445 602	16 058	33 767	379 311	995 540	1 935 636	2 987 437	103 274
31311	Fiber, yarn, and thread mills	1	87	65	17 451	445 602	16 058	33 767	379 311	995 540	1 935 636	2 987 437	103 274
313111	Yarn spinning mills	1	53	41	11 456	283 041	10 563	22 186	240 909	660 398	891 023	1 596 535	D
313112	Yarn texturizing, throwing, and twisting mills	1	32	23	i	D	D	D	D	D	D	D	55 374
3132	Fabric mills	1	98	64	16 134	451 993	14 047	27 452	354 469	1 178 944	1 386 951	2 572 701	102 812
31321	Broadwoven fabric mills	1	57	44	12 641	343 262	11 032	21 460	272 104	831 991	999 230	1 839 174	34 228
313210	Broadwoven fabric mills	1	57	44	12 641	343 262	11 032	21 460	272 104	831 991	999 230	1 839 174	34 228
31322	Narrow fabric mills and schiffli machine embroidery	4	12	3	192	4 806	168	320	3 739	10 744	6 940	17 431	439
313221	Narrow fabric mills	4	9	3	178	4 464	157	298	3 501	9 989	6 569	16 305	419
31323	Nonwoven fabric mills	2	20	11	1 800	63 568	1 514	2 948	45 918	212 140	236 649	453 239	60 619
313230	Nonwoven fabric mills	2	20	11	1 800	63 568	1 514	2 948	45 918	212 140	236 649	453 239	60 619
31324	Knit fabric mills	1	9	6	1 501	40 357	1 333	2 724	32 708	124 069	144 132	262 857	7 526
313241	Weft knit fabric mills	2	4	4	1 202	32 109	1 096	2 244	26 425	109 421	104 865	207 965	7 102
313249	Other knit fabric and lace mills	—	5	2	299	8 248	237	480	6 283	14 648	39 267	54 892	424
3133	Textile and fabric finishing and fabric coating mills	1	59	37	4 756	129 254	4 013	8 199	92 268	289 885	429 645	716 845	21 409
31331	Textile and fabric finishing mills	1	50	30	4 224	114 349	3 576	7 306	83 183	263 242	377 432	638 176	20 010
313311	Broadwoven fabric finishing mills	1	26	12	1 630	45 727	1 375	2 795	33 779	113 843	174 864	288 555	13 119
313312	Textile and fabric finishing (except broadwoven fabric) mills	1	24	18	2 594	68 622	2 201	4 511	49 404	149 399	202 568	349 621	6 891
31332	Fabric coating mills	3	9	7	532	14 905	437	893	9 085	26 643	52 213	78 669	1 399
313320	Fabric coating mills	3	9	7	532	14 905	437	893	9 085	26 643	52 213	78 669	1 399

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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)				
GEORGIA—Con.													
314	Textile product mills	3	462	185	37 412	1 043 756	31 411	64 972	774 555	3 686 881	7 086 093	11 379 303	83 000
3141	Textile furnishings mills	3	'302	'125	'29 929	'849 091	'25 197	'52 379	'633 212	'3 250 879	'6 531 409	'10 408 593	'63 080
31411	Carpet and rug mills	3	'201	'97	'26 269	'775 267	'22 232	'46 903	'584 149	'2 999 787	'6 157 454	'9 782 966	'55 150
314110	Carpet and rug mills	3	'201	'97	'26 269	'775 267	'22 232	'46 903	'584 149	'2 999 787	'6 157 454	'9 782 966	'55 150
31412	Curtain and linen mills	—	101	28	3 660	73 824	2 965	5 476	49 063	251 092	373 955	625 627	7 930
314121	Curtain and drapery mills.....	1	66	8	1 044	21 760	780	1 401	11 000	41 837	33 647	73 545	639
314129	Other household textile product mills.....	—	35	20	2 616	52 064	2 185	4 075	38 063	209 255	340 308	552 082	7 291
3149	Other textile product mills	2	'160	'60	'7 483	'194 665	'6 214	'12 593	'141 343	'436 002	'554 684	'970 710	'19 920
31491	Textile bag and canvas mills ...	1	43	9	1 030	26 236	838	1 544	17 733	55 894	32 255	82 251	1 092
314911	Textile bag mills.....	—	13	3	591	14 447	509	964	10 436	31 322	16 914	43 184	302
314912	Canvas and related product mills	2	30	6	439	11 789	329	580	7 297	24 572	15 341	39 067	790
31499	All other textile product mills ...	2	'117	'51	'6 453	'168 429	'5 376	'11 049	'123 610	'380 108	'522 429	'888 459	'18 828
314991	Rope, cordage, and twine mills	6	13	8	f	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	'102	'41	'5 212	'142 267	'4 361	'9 083	'104 856	'343 250	'430 920	'758 457	'16 222
315	Apparel manufacturing.....	2	'203	'78	'8 843	'155 476	7 022	11 662	103 503	'464 173	'562 604	'1 040 934	D
3151	Apparel knitting mills.....	—	15	8	816	15 066	674	1 196	11 076	101 676	138 013	238 919	D
31511	Hosiery and sock mills	8	9	4	c	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills	9	3	2	c	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills	—	6	4	f	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills	5	4	2	c	D	D	D	D	D	D	D	D
315192	Underwear and nightwear knitting mills	—	2	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	2	'157	'64	'7 674	'133 698	6 042	9 928	87 376	'349 647	'413 921	'778 462	D
31521	Cut and sew apparel contractors	2	79	19	1 949	31 539	1 671	2 956	24 541	48 088	12 912	65 250	1 712
315211	Men's and boys' cut and sew apparel contractors	3	23	12	1 209	20 972	1 057	1 973	17 083	34 620	10 314	45 444	248
315212	Women's, girls', and infants' cut and sew apparel contractors	2	56	7	740	10 567	614	983	7 458	13 468	2 598	19 806	1 464
31522	Men's and boys' cut and sew apparel manufacturing	2	'37	'26	'3 837	'66 109	3 170	4 853	44 208	'216 744	'203 571	'424 385	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	—	'7	'3	'241	'6 310	138	224	2 214	'21 253	'14 815	'36 867	'95
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing	1	5	2	364	5 251	269	438	3 247	9 898	13 408	22 505	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing	4	11	10	930	14 038	816	1 127	11 457	45 022	39 602	85 866	432
315225	Men's and boys' cut and sew work clothing manufacturing	1	11	8	1 919	32 861	1 644	2 571	21 805	123 220	116 730	242 324	D
315228	Men's and boys' cut and sew other outerwear manufacturing	8	3	3	383	7 649	303	493	5 485	17 351	19 016	36 823	242
31523	Women's and girls' cut and sew apparel manufacturing	2	27	14	1 375	27 252	772	1 405	11 976	71 436	186 463	264 838	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
315234	Women's and girls' cut and sew suit, coat, tailored jacket, and skirt manufacturing	6	7	3	285	5 796	206	343	3 054	11 046	13 494	25 354	129
315239	Women's and girls' cut and sew other outerwear manufacturing	5	12	7	367	6 602	302	547	4 518	18 423	17 978	36 797	174
31529	Other cut and sew apparel manufacturing	2	14	5	513	8 798	429	714	6 651	13 379	10 975	23 989	D
315291	Infants' cut and sew apparel manufacturing	2	3	3	404	6 842	336	585	5 291	9 544	8 705	17 898	D
315299	All other cut and sew apparel manufacturing	4	11	2	109	1 956	93	129	1 360	3 835	2 270	6 091	24
3159	Apparel accessories and other apparel manufacturing	2	31	6	353	6 712	306	538	5 051	12 850	10 670	23 553	421
31599	Apparel accessories and other apparel manufacturing	2	31	6	353	6 712	306	538	5 051	12 850	10 670	23 553	421
315991	Hat, cap, and millinery manufacturing	1	6	2	c	D	D	D	D	D	D	D	D
315999	Other apparel accessories and other apparel manufacturing	3	24	3	191	4 105	165	304	3 089	8 002	8 261	16 248	408
316	Leather and allied product manufacturing	2	24	5	374	8 089	284	477	5 135	16 485	10 421	27 420	D
3162	Footwear manufacturing	1	8	3	239	4 618	188	303	3 507	10 248	5 423	16 176	D
31621	Footwear manufacturing	1	8	3	239	4 618	188	303	3 507	10 248	5 423	16 176	D
316219	Other footwear manufacturing	—	2	2	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)				
GEORGIA—Con.													
316	Leather and allied product manufacturing—Con.												
3169	Other leather and allied product manufacturing	2	14	2	c	D	D	D	D	D	D	D	D
31699	Other leather and allied product manufacturing	2	14	2	c	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	574	219	23 133	664 791	19 035	38 773	479 760	1 525 473	2 651 769	4 169 897	90 410
3211	Sawmills and wood preservation	—	135	61	5 867	183 740	4 853	10 502	137 428	458 295	1 150 696	1 609 580	38 137
32111	Sawmills and wood preservation	—	135	61	5 867	183 740	4 853	10 502	137 428	458 295	1 150 696	1 609 580	38 137
321113	Sawmills	—	'116	'52	'5 196	'165 448	'4 367	'9 555	'125 880	'416 224	'912 673	'1 327 154	'35 153
321114	Wood preservation	—	'19	'9	'671	'18 292	'486	'947	'11 548	'42 071	'238 023	'282 426	'2 984
3212	Veneer, plywood, and engineered wood product manufacturing	—	86	48	5 171	170 172	4 332	9 247	130 737	424 690	609 388	1 024 570	26 337
32121	Veneer, plywood, and engineered wood product manufacturing	—	86	48	5 171	170 172	4 332	9 247	130 737	424 690	609 388	1 024 570	26 337
321211	Hardwood veneer and plywood manufacturing	—	9	5	494	13 757	430	928	10 376	23 929	72 724	95 186	284
321212	Softwood veneer and plywood manufacturing	—	5	4	g	D	D	D	D	D	D	D	D
321213	Engineered wood member (except truss) manufacturing	—	7	3	f	D	D	D	D	D	D	D	D
321214	Truss manufacturing	1	49	23	1 410	37 398	1 094	2 261	22 960	74 181	68 449	142 854	3 087
321219	Reconstituted wood product manufacturing	—	16	13	1 376	51 215	1 098	2 226	38 836	166 553	208 510	371 746	16 105
3219	Other wood product manufacturing	2	353	110	12 095	310 879	9 850	19 024	211 595	642 488	891 685	1 535 747	25 936
32191	Millwork	2	176	54	4 530	122 744	3 558	6 922	83 704	254 179	372 580	627 031	12 883
321911	Wood window and door manufacturing	1	51	22	1 645	48 151	1 316	2 669	33 513	106 359	152 017	258 430	4 506
321912	Cut stock, resawing lumber, and planing	2	45	15	1 053	21 489	817	1 448	15 922	58 521	97 549	155 487	5 471
321918	Other millwork (including flooring)	3	80	17	1 832	53 104	1 425	2 805	34 269	89 299	123 014	213 114	2 906
32192	Wood container and pallet manufacturing	2	98	23	2 115	46 251	1 811	3 594	34 905	94 961	104 043	198 356	5 647
321920	Wood container and pallet manufacturing	2	98	23	2 115	46 251	1 811	3 594	34 905	94 961	104 043	198 356	5 647
32199	All other wood product manufacturing	2	79	33	5 450	141 884	4 481	8 508	92 986	293 348	415 062	710 360	7 406
321991	Manufactured home (mobile home) manufacturing	2	24	21	4 331	114 646	3 606	6 818	74 816	219 220	355 544	577 137	4 722
321992	Prefabricated wood building manufacturing	—	10	4	333	6 942	245	426	4 021	23 454	22 365	44 120	981
321999	All other miscellaneous wood product manufacturing	4	45	8	786	20 296	630	1 264	14 149	50 674	37 153	89 103	1 703
322	Paper manufacturing	—	188	132	23 179	1 123 949	18 292	38 710	817 932	5 124 060	4 461 446	9 519 793	344 328
3221	Pulp, paper, and paperboard mills	—	28	26	10 406	607 148	8 261	17 290	454 454	2 864 925	1 953 387	4 757 512	175 124
32211	Pulp mills	—	4	4	2 138	141 071	1 670	3 678	104 179	595 033	477 569	1 039 660	81 304
322110	Pulp mills	—	4	4	2 138	141 071	1 670	3 678	104 179	595 033	477 569	1 039 660	81 304
32212	Paper mills	—	9	8	2 743	159 275	2 311	4 823	128 718	824 967	440 825	1 236 906	25 023
322121	Paper (except newsprint) mills	1	7	6	g	D	D	D	D	D	D	D	D
322122	Newsprint mills	—	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	—	15	14	5 525	306 802	4 280	8 789	221 557	1 444 925	1 034 993	2 480 946	68 797
322130	Paperboard mills	—	15	14	5 525	306 802	4 280	8 789	221 557	1 444 925	1 034 993	2 480 946	68 797
3222	Converted paper product manufacturing	—	160	106	12 773	516 801	10 031	21 420	363 478	2 259 135	2 508 059	4 762 281	169 204
32221	Paperboard container manufacturing	—	100	69	6 744	258 143	5 178	10 857	165 867	663 736	1 193 998	1 848 611	61 167
322211	Corrugated and solid fiber box manufacturing	1	58	38	4 147	169 560	3 050	6 469	100 288	390 166	768 959	1 156 995	50 028
322212	Folding paperboard box manufacturing	—	20	14	1 528	57 583	1 281	2 823	43 924	191 663	272 429	461 765	D
322213	Setup paperboard box manufacturing	—	4	3	c	D	D	D	D	D	D	D	D
322214	Fiber can, tube, drum, and similar products manufacturing	—	15	11	594	19 879	477	840	14 468	52 622	95 022	147 108	3 368
322215	Nonfolding sanitary food container manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	1	24	15	1 654	58 454	1 230	2 706	39 950	229 154	333 331	557 036	6 824
322221	Coated and laminated packaging paper and plastics film manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing	—	11	5	514	20 741	285	657	11 849	134 395	145 127	272 324	3 203
322223	Plastics, foil, and coated paper bag manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	2	4	3	406	12 625	359	783	10 208	29 386	40 586	70 645	1 581
322225	Laminated aluminum foil manufacturing for flexible packaging uses	3	2	2	c	D	D	D	D	D	D	D	D
322226	Surface-coated paperboard manufacturing	—	3	3	221	7 616	187	398	6 221	17 549	76 437	93 291	369

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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)
GEORGIA—Con.													
322	Paper manufacturing—Con.												
3222	Converted paper product manufacturing—Con.												
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	f	D	D	D	D	D	D	D	2 268
322233	Stationery, tablet, and related product manufacturing	—	3	1	c	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	—	23	15	3 256	159 279	2 726	6 035	128 246	1 235 662	798 085	2 042 353	97 984
322291	Sanitary paper product manufacturing	—	10	7	2 438	129 382	2 082	4 692	108 195	970 842	692 353	1 671 743	89 227
322299	All other converted paper product manufacturing	—	13	8	818	29 897	644	1 343	20 051	264 820	105 732	370 610	8 757
323	Printing and related support activities	2	'1 063	200	'18 030	'650 643	'12 827	'24 532	'394 360	'1 518 344	'908 813	'2 424 563	'130 605
3231	Printing and related support activities	2	'1 063	200	'18 030	'650 643	'12 827	'24 532	'394 360	'1 518 344	'908 813	'2 424 563	'130 605
32311	Printing	2	'954	168	'16 153	'587 313	'11 346	'21 674	'353 289	'1 397 048	'856 491	'2 251 499	'122 940
323110	Commercial lithographic printing	2	'435	99	'8 955	'349 529	'6 265	'11 922	'211 462	'762 494	'491 235	'1 254 899	'63 856
323111	Commercial gravure printing	6	13	3	1 247	40 088	1 085	2 163	30 432	142 959	58 748	204 279	4 526
323112	Commercial flexographic printing	1	22	10	813	31 391	638	1 412	20 668	78 995	81 346	159 534	10 723
323113	Commercial screen printing	5	111	15	1 295	44 147	766	1 517	17 409	80 554	72 845	148 370	3 969
323114	Quick printing	4	219	8	1 163	32 598	744	1 254	19 228	73 600	28 838	102 395	2 847
323115	Digital printing	1	38	6	835	29 766	569	881	18 107	78 590	26 408	104 715	2 159
323116	Manifold business forms printing	2	23	11	861	28 344	619	1 269	18 244	109 802	59 864	169 892	32 586
323117	Books printing	2	15	6	327	10 436	215	435	5 958	25 539	12 599	38 012	822
323118	Blankbook, looseleaf binders, and devices manufacturing	8	7	3	133	3 833	101	204	2 239	8 992	6 424	15 720	513
323119	Other commercial printing	4	71	7	524	17 181	344	617	9 542	35 523	18 184	53 683	939
32312	Support activities for printing	1	109	32	1 877	63 330	1 481	2 858	41 071	121 296	52 322	173 064	7 665
323121	Tradebinding and related work	1	55	22	1 337	35 977	1 123	2 140	25 482	61 172	27 440	88 105	5 894
323122	Prepress services	1	54	10	540	27 353	358	718	15 589	60 124	24 882	84 959	1 771
324	Petroleum and coal products manufacturing	—	69	12	1 160	52 533	914	1 967	38 161	259 051	625 846	885 825	D
3241	Petroleum and coal products manufacturing	—	69	12	1 160	52 533	914	1 967	38 161	259 051	625 846	885 825	D
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	55	7	895	39 831	725	1 626	30 273	171 289	324 711	497 122	14 634
324121	Asphalt paving mixture and block manufacturing	—	44	—	260	10 410	202	421	7 734	41 521	109 034	152 056	8 330
324122	Asphalt shingle and coating materials manufacturing	—	11	7	635	29 421	523	1 205	22 539	129 768	215 677	345 066	6 304
32419	Other petroleum and coal products manufacturing	2	11	2	c	D	D	D	D	D	D	D	643
324191	Petroleum lubricating oil and grease manufacturing	2	10	2	c	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	472	209	23 513	1 064 725	14 872	30 490	586 649	'6 339 298	'5 669 099	'12 056 015	407 105
3251	Basic chemical manufacturing	1	87	35	4 045	206 722	2 693	5 812	128 636	985 977	1 052 075	2 032 273	99 877
32512	Industrial gas manufacturing	2	15	4	e	D	D	D	D	D	D	D	D
325120	Industrial gas manufacturing	2	15	4	e	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing	—	9	3	730	37 119	455	987	21 346	138 457	168 297	292 530	D
325131	Inorganic dye and pigment manufacturing	—	4	3	690	34 826	442	961	20 848	132 144	146 494	265 559	D
32518	Other basic inorganic chemical manufacturing	2	33	15	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	2	31	14	1 156	58 074	814	1 716	37 247	331 764	325 469	655 063	19 402
32519	Other basic organic chemical manufacturing	—	28	13	g	D	D	D	D	D	D	D	D
325191	Gum and wood chemical manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	26	11	1 387	71 219	907	1 996	43 270	371 011	450 115	829 713	27 668
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	2	46	33	4 667	189 035	3 690	7 678	128 956	666 231	1 051 521	1 726 780	31 423
32521	Resin and synthetic rubber manufacturing	1	29	21	1 953	94 135	1 313	2 542	53 084	428 581	603 095	1 033 619	19 871
325211	Plastics material and resin manufacturing	1	24	19	1 766	83 268	1 198	2 296	46 948	364 578	520 024	889 194	17 888
325212	Synthetic rubber manufacturing	5	5	2	187	10 867	115	246	6 136	64 003	83 071	144 425	1 983
32522	Artificial and synthetic fibers and filaments manufacturing	2	17	12	2 714	94 900	2 377	5 136	75 872	237 650	448 426	693 161	11 552
325222	Noncellulosic organic fiber manufacturing	2	17	12	2 714	94 900	2 377	5 136	75 872	237 650	448 426	693 161	11 552

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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)				
GEORGIA—Con.													
325 3253	Chemical manufacturing—Con. Pesticide, fertilizer, and other agricultural chemical manufacturing	—	34	16	1 054	42 742	733	1 593	25 953	'345 945	'428 190	'793 851	18 882
32531 325311	Fertilizer manufacturing	—	21	9	496	20 914	334	733	12 431	87 392	181 515	268 355	12 231
325314	Nitrogenous fertilizer manufacturing	—	3	2	c	D	D	D	D	D	D	D	D
32532	Fertilizer (mixing only) manufacturing	3	16	6	e	D	D	D	D	D	D	D	D
325320	Pesticide and other agricultural chemical manufacturing	1	13	7	558	21 828	399	860	13 522	'258 553	'246 675	'525 496	6 651
325320	Pesticide and other agricultural chemical manufacturing	1	13	7	558	21 828	399	860	13 522	'258 553	'246 675	'525 496	6 651
3254	Pharmaceutical and medicine manufacturing	—	37	17	3 088	168 405	1 253	2 597	64 517	1 306 745	661 776	2 008 568	145 823
32541	Pharmaceutical and medicine manufacturing	—	37	17	3 088	168 405	1 253	2 597	64 517	1 306 745	661 776	2 008 568	145 823
325411	Medicinal and botanical manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	13	6	665	32 257	331	777	14 758	101 398	92 074	220 800	29 616
325413	In-vitro diagnostic substance manufacturing	2	8	5	1 009	50 085	287	572	17 466	85 096	45 767	128 582	2 402
325414	Biological product (except diagnostic) manufacturing ..	—	8	2	e	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	1	86	37	2 449	93 592	1 489	2 793	48 146	637 004	754 605	1 380 281	29 074
32551	Paint and coating manufacturing	1	50	20	1 447	52 989	880	1 554	26 177	466 332	557 939	1 018 501	8 854
325510	Paint and coating manufacturing	1	50	20	1 447	52 989	880	1 554	26 177	466 332	557 939	1 018 501	8 854
32552	Adhesive manufacturing	—	36	17	1 002	40 603	609	1 239	21 969	170 672	196 666	361 780	20 220
325520	Adhesive manufacturing	—	36	17	1 002	40 603	609	1 239	21 969	170 672	196 666	361 780	20 220
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	87	34	4 399	188 055	2 570	5 299	96 871	1 616 763	855 637	2 480 742	33 120
32561	Soap and cleaning compound manufacturing	—	65	26	3 008	138 637	1 574	3 277	69 644	1 282 539	722 992	2 010 636	23 059
325611	Soap and other detergent manufacturing	—	33	13	1 761	84 798	951	1 998	42 749	822 738	469 155	1 297 197	D
325612	Polish and other sanitation good manufacturing	—	19	5	631	28 912	340	732	13 117	354 887	91 420	445 184	7 639
325613	Surface active agent manufacturing	—	13	8	616	24 927	283	547	13 778	104 914	162 417	268 255	D
32562	Toilet preparation manufacturing	1	22	8	1 391	49 418	996	2 022	27 227	334 224	132 645	470 106	10 061
325620	Toilet preparation manufacturing	1	22	8	1 391	49 418	996	2 022	27 227	334 224	132 645	470 106	10 061
3259	Other chemical product and preparation manufacturing	1	95	37	3 811	176 174	2 444	4 718	93 570	780 633	865 295	1 633 520	48 906
32591	Printing ink manufacturing	1	15	5	e	D	D	D	D	D	D	D	D
325910	Printing ink manufacturing ..	1	15	5	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ..	1	79	31	3 434	158 603	2 194	4 222	84 235	730 957	799 096	1 519 314	46 405
325991	Custom compounding of purchased resins	3	18	8	g	D	D	D	D	D	D	D	11 670
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 ..	—	52	21	2 131	94 125	1 323	2 288	48 029	472 232	523 520	991 648	33 662
326	Plastics and rubber products manufacturing	1	422	256	29 405	938 846	23 521	47 602	665 090	2 966 754	2 922 861	5 898 050	239 765
3261	Plastics product manufacturing ..	1	334	204	22 602	708 591	17 934	36 575	493 548	2 306 949	2 223 589	4 533 384	199 052
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	54	41	4 797	184 866	3 793	7 953	131 307	649 037	734 973	1 377 154	37 923
326111	Plastics bag manufacturing ..	—	13	8	959	36 743	814	1 782	29 245	165 756	123 326	286 175	7 177
326112	Plastics packaging film and sheet (including laminated) manufacturing	1	12	11	1 361	59 307	1 045	2 131	41 544	134 115	226 818	362 823	11 537
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	—	29	22	2 477	88 816	1 934	4 040	60 518	349 166	384 829	728 156	19 209
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing	2	28	14	1 114	30 911	902	1 835	22 290	107 630	195 746	306 754	29 470
326121	Unlaminated plastics profile shape manufacturing	1	17	6	345	11 677	244	597	7 613	25 565	19 912	45 327	6 141
326122	Plastics pipe and pipe fitting manufacturing	2	11	8	769	19 234	658	1 238	14 677	82 065	175 834	261 427	23 329
32614	Polystyrene foam product manufacturing	—	20	14	2 124	71 682	1 610	3 243	48 958	365 416	152 335	528 720	25 102
326140	Polystyrene foam product manufacturing	—	20	14	2 124	71 682	1 610	3 243	48 958	365 416	152 335	528 720	25 102

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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)
GEORGIA—Con.													
326	Plastics and rubber products manufacturing—Con.												
3261	Plastics product manufacturing—Con.												
32615	Urethane and other foam product (except polystyrene) manufacturing	3	11	7	784	23 933	636	1 227	14 526	42 902	96 970	139 794	D
326150	Urethane and other foam product (except polystyrene) manufacturing	3	11	7	784	23 933	636	1 227	14 526	42 902	96 970	139 794	D
32616	Plastics bottle manufacturing ..	—	19	17	1 636	51 352	1 468	3 257	42 996	171 990	172 664	343 833	24 767
326160	Plastics bottle manufacturing	—	19	17	1 636	51 352	1 468	3 257	42 996	171 990	172 664	343 833	24 767
32619	Other plastics product manufacturing	1	198	111	12 103	344 401	9 491	18 985	232 494	966 847	868 451	1 831 553	78 331
326191	Plastics plumbing fixture manufacturing	2	21	10	g	D	D	D	D	D	D	D	D
326192	Resilient floor covering manufacturing	5	3	2	c	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	174	99	10 804	311 239	8 347	16 832	207 317	886 659	788 437	1 671 037	73 950
3262	Rubber product manufacturing ...	—	88	52	6 803	230 255	5 587	11 027	171 542	659 805	699 272	1 364 666	40 713
32621	Tire manufacturing	—	29	15	2 713	99 433	2 292	4 486	81 728	362 596	302 759	664 983	18 404
326211	Tire manufacturing (except retreading)	—	9	8	2 312	86 400	2 005	3 895	73 407	338 553	269 257	607 623	17 009
326212	Tire retreading	2	20	7	401	13 033	287	591	8 321	24 043	33 502	57 360	1 395
32622	Rubber and plastics hoses and belting manufacturing	2	7	3	526	19 061	404	835	12 764	9 628	51 174	69 419	2 071
326220	Rubber and plastics hoses and belting manufacturing ..	2	7	3	526	19 061	404	835	12 764	9 628	51 174	69 419	2 071
32629	Other rubber product manufacturing	—	52	34	3 564	111 761	2 891	5 706	77 050	287 581	345 339	630 264	20 238
326291	Rubber product manufacturing for mechanical use	—	16	11	1 483	44 415	1 277	2 520	33 468	119 251	68 775	186 552	4 285
326299	All other rubber product manufacturing	—	36	23	2 081	67 346	1 614	3 186	43 582	168 330	276 564	443 712	15 953
327	Nonmetallic mineral product manufacturing	1	'634	'214	'19 251	'702 038	'14 768	'30 898	'493 218	'2 142 126	'1 573 481	'3 725 191	'215 190
3271	Clay product and refractory manufacturing	—	39	15	2 941	92 381	2 303	4 645	60 891	286 080	133 793	413 803	45 238
32711	Pottery, ceramics, and plumbing fixture manufacturing	—	25	5	1 088	33 798	895	1 779	25 186	95 247	42 379	130 959	2 859
327111	Vitreous china and earthenware plumbing fixture and accessories mfg	—	4	3	f	D	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing	7	20	1	120	3 319	86	154	2 129	6 137	2 805	8 661	206
327113	Porcelain electrical supply manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	—	14	10	1 853	58 583	1 408	2 866	35 705	190 833	91 414	282 844	42 379
327121	Brick and structural clay tile manufacturing	—	5	5	733	24 095	598	1 268	15 889	86 518	37 523	126 269	D
327122	Ceramic wall and floor tile manufacturing	5	3	2	e	D	D	D	D	D	D	D	D
327124	Clay refractory manufacturing	—	4	2	244	6 272	206	365	3 644	15 167	13 532	27 094	D
327125	Nonclay refractory manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	42	17	2 327	89 452	1 883	3 847	65 557	274 399	213 233	489 627	41 000
32721	Glass and glass product manufacturing	—	42	17	2 327	89 452	1 883	3 847	65 557	274 399	213 233	489 627	41 000
327213	Glass container manufacturing	—	3	3	884	41 705	784	1 689	35 478	152 466	117 552	268 510	28 663
327215	Glass product manufacturing made of purchased glass ..	—	33	12	1 352	44 680	1 032	2 004	28 199	115 771	94 097	213 218	12 156
3273	Cement and concrete product manufacturing	1	'357	'126	'8 310	'286 275	'6 397	'13 530	'208 606	'763 228	'712 174	'1 486 025	'53 924
32731	Cement manufacturing	—	4	2	c	D	D	D	D	D	D	D	D
327310	Cement manufacturing	—	4	2	c	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing	1	237	78	4 503	163 950	3 713	7 949	131 795	422 009	490 450	912 608	31 512
327320	Ready-mix concrete manufacturing	1	237	78	4 503	163 950	3 713	7 949	131 795	422 009	490 450	912 608	31 512
32733	Concrete pipe, brick, and block manufacturing	1	41	15	f	D	D	D	D	D	D	D	D
327331	Concrete block and brick manufacturing	1	29	6	437	16 386	287	699	9 474	44 209	35 706	78 979	6 078
327332	Concrete pipe manufacturing	1	12	9	e	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing	2	'75	'31	'2 724	'80 417	'1 891	'3 788	'48 939	'195 804	'124 265	'328 434	'11 341
327390	Other concrete product manufacturing	2	'75	'31	'2 724	'80 417	'1 891	'3 788	'48 939	'195 804	'124 265	'328 434	'11 341

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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)				
GEORGIA—Con.													
327	Nonmetallic mineral product manufacturing—Con.												
3274	Lime and gypsum product manufacturing	—	13	7	418	18 428	333	725	14 347	85 723	100 408	186 198	1 995
32742	Gypsum product manufacturing	—	13	7	418	18 428	333	725	14 347	85 723	100 408	186 198	1 995
327420	Gypsum product manufacturing	—	13	7	418	18 428	333	725	14 347	85 723	100 408	186 198	1 995
3279	Other nonmetallic mineral product manufacturing	1	183	49	5 255	215 502	3 852	8 151	143 817	732 696	413 873	1 149 538	73 033
32791	Abrasive product manufacturing	1	6	5	177	7 608	119	252	4 314	43 930	10 800	55 045	D
327910	Abrasive product manufacturing	1	6	5	177	7 608	119	252	4 314	43 930	10 800	55 045	D
32799	All other nonmetallic mineral product manufacturing	1	177	44	5 078	207 894	3 733	7 899	139 503	688 766	403 073	1 094 493	D
327991	Cut stone and stone product manufacturing	3	142	28	1 885	60 736	1 509	3 030	44 491	123 447	64 628	190 795	D
327992	Ground or treated mineral and earth manufacturing	—	6	1	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	—	16	9	1 904	89 783	1 603	3 610	69 882	283 261	211 496	493 433	40 891
327999	All other miscellaneous nonmetallic mineral product manufacturing	4	13	6	e	D	D	D	D	D	D	D	1 773
331	Primary metal manufacturing	—	77	37	5 347	198 233	4 315	8 919	141 180	511 882	1 261 436	1 773 962	22 021
3311	Iron and steel mills and ferroalloy manufacturing	—	7	4	455	17 828	347	637	12 593	26 843	97 941	125 035	153
33111	Iron and steel mills and ferroalloy manufacturing	—	7	4	455	17 828	347	637	12 593	26 843	97 941	125 035	153
331111	Iron and steel mills	—	7	4	455	17 828	347	637	12 593	26 843	97 941	125 035	153
3312	Steel product manufacturing from purchased steel	1	11	6	460	17 071	354	786	10 952	64 685	114 666	178 636	2 301
33122	Rolling and drawing of purchased steel	1	9	4	e	D	D	D	D	D	D	D	D
331221	Rolled steel shape manufacturing	2	5	3	169	6 801	124	262	4 591	16 485	66 505	82 420	501
331222	Steel wire drawing	—	4	1	c	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	—	14	11	2 313	86 029	1 787	3 862	57 959	185 901	481 594	669 864	13 081
33131	Alumina and aluminum production and processing	—	14	11	2 313	86 029	1 787	3 862	57 959	185 901	481 594	669 864	13 081
331314	Secondary smelting and alloying of aluminum	—	2	1	c	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	—	8	8	1 992	74 650	1 502	3 294	49 027	139 207	249 443	388 459	8 970
331319	Other aluminum rolling and drawing	3	3	1	c	D	D	D	D	D	D	D	578
3314	Nonferrous metal (except aluminum) production and processing	—	16	5	344	12 453	278	602	9 008	100 526	451 916	549 403	3 135
33142	Copper rolling, drawing, extruding, and alloying	—	5	5	318	11 229	257	560	8 200	97 304	447 404	541 669	D
331421	Copper rolling, drawing, and extruding	—	3	3	c	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing	—	2	2	c	D	D	D	D	D	D	D	D
3315	Foundries	—	29	11	1 775	64 852	1 549	3 032	50 668	133 927	115 319	251 024	3 351
33151	Ferrous metal foundries	—	11	5	1 185	44 963	1 032	1 983	35 036	95 309	79 761	176 766	563
331511	Iron foundries	—	11	5	1 185	44 963	1 032	1 983	35 036	95 309	79 761	176 766	563
33152	Nonferrous metal foundries	—	18	6	590	19 889	517	1 049	15 632	38 618	35 558	74 258	2 788
331521	Aluminum die-casting foundries	—	9	5	518	18 010	456	927	14 337	34 244	34 283	68 614	2 419
332	Fabricated metal product manufacturing	1	1 150	339	31 212	1 039 252	23 996	47 715	685 202	2 826 493	2 611 011	5 427 829	174 664
3321	Forging and stamping	2	34	16	1 500	52 523	1 147	2 337	34 726	119 390	130 087	247 794	14 776
33211	Forging and stamping	2	34	16	1 500	52 523	1 147	2 337	34 726	119 390	130 087	247 794	14 776
332114	Custom roll forming	—	9	4	e	D	D	D	D	D	D	D	D
332115	Crown and closure manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
332116	Metal stamping	4	19	10	927	33 340	729	1 504	22 347	61 819	49 559	111 783	9 769
3322	Cutlery and handtool manufacturing	1	25	8	858	31 007	612	1 290	18 675	90 888	39 383	129 440	1 841
33221	Cutlery and handtool manufacturing	1	25	8	858	31 007	612	1 290	18 675	90 888	39 383	129 440	1 841
332212	Hand and edge tool manufacturing	1	17	5	601	22 480	404	843	13 121	75 155	26 951	101 398	D
332213	Saw blade and handsaw manufacturing	1	5	3	252	8 401	205	442	5 489	15 425	12 420	27 722	590

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GEORGIA—Con.													
332	Fabricated metal product manufacturing—Con.												
3323	Architectural and structural metals manufacturing	1	361	150	12 116	386 294	8 961	17 192	240 297	953 842	1 069 955	2 026 100	57 676
33231	Plate work and fabricated structural product manufacturing	2	146	73	4 643	151 055	3 500	6 771	97 470	413 945	468 862	878 260	22 906
332311	Prefabricated metal building and component manufacturing	2	42	23	1 622	45 879	1 362	2 593	34 480	142 876	194 558	335 949	7 310
332312	Fabricated structural metal manufacturing	1	93	48	2 910	101 527	2 070	4 043	61 149	264 037	268 655	529 736	15 373
332313	Plate work manufacturing ...	1	11	2	111	3 649	68	135	1 841	7 032	5 649	12 575	223
33232	Ornamental and architectural metal products manufacturing	1	215	77	7 473	235 239	5 461	10 421	142 827	539 897	601 093	1 147 840	34 770
332321	Metal window and door manufacturing	—	51	24	3 432	101 443	2 454	4 366	58 098	235 000	292 884	533 944	22 063
332322	Sheet metal work manufacturing	2	112	41	2 692	88 109	2 011	4 071	56 932	211 251	213 934	424 997	8 353
332323	Ornamental and architectural metal work manufacturing ..	—	52	12	1 349	45 687	996	1 984	27 797	93 646	94 275	188 899	4 354
3324	Boiler, tank, and shipping container manufacturing	1	39	21	2 565	96 990	2 047	4 375	66 952	402 132	433 387	840 532	10 012
33241	Power boiler and heat exchanger manufacturing	—	9	4	e	D	D	D	D	D	D	D	940
332410	Power boiler and heat exchanger manufacturing ..	—	9	4	e	D	D	D	D	D	D	D	940
33242	Metal tank (heavy gauge) manufacturing	4	23	11	936	35 757	691	1 395	22 669	109 873	96 903	203 128	2 722
332420	Metal tank (heavy gauge) manufacturing	4	23	11	936	35 757	691	1 395	22 669	109 873	96 903	203 128	2 722
33243	Metal can, box, and other metal container (light gauge) manufacturing	—	7	6	g	D	D	D	D	D	D	D	6 350
332431	Metal can manufacturing	—	4	4	1 039	40 251	897	1 999	30 374	220 990	284 047	510 787	D
3325	Hardware manufacturing	2	19	8	1 649	46 445	1 350	2 794	32 389	109 260	162 118	252 881	5 605
33251	Hardware manufacturing	2	19	8	1 649	46 445	1 350	2 794	32 389	109 260	162 118	252 881	5 605
332510	Hardware manufacturing	2	19	8	1 649	46 445	1 350	2 794	32 389	109 260	162 118	252 881	5 605
3326	Spring and wire product manufacturing	1	32	17	1 755	51 763	1 478	3 024	37 249	173 760	141 720	307 331	16 322
33261	Spring and wire product manufacturing	1	32	17	1 755	51 763	1 478	3 024	37 249	173 760	141 720	307 331	16 322
332612	Spring (light gauge) manufacturing	1	6	6	653	19 674	570	1 109	15 201	77 845	61 932	138 800	7 607
332618	Other fabricated wire product manufacturing	—	26	11	1 102	32 089	908	1 915	22 048	95 915	79 788	168 531	8 715
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	451	52	4 006	145 226	2 908	5 616	94 218	295 339	153 531	456 130	22 826
33271	Machine shops	4	417	39	3 119	114 498	2 329	4 404	74 972	214 950	113 034	335 245	12 357
332710	Machine shops	4	417	39	3 119	114 498	2 329	4 404	74 972	214 950	113 034	335 245	12 357
33272	Turned product and screw, nut, and bolt manufacturing	1	34	13	887	30 728	579	1 212	19 246	80 389	40 497	120 885	10 469
332721	Precision turned product manufacturing	—	26	9	683	21 577	446	948	14 499	57 877	29 351	87 216	9 778
332722	Bolt, nut, screw, rivet, and washer manufacturing	4	8	4	204	9 151	133	264	4 747	22 512	11 146	33 669	691
3328	Coating, engraving, heat treating, and allied activities	2	57	21	1 331	46 220	987	2 068	29 006	76 385	94 525	174 714	8 215
33281	Coating, engraving, heat treating, and allied activities ..	2	57	21	1 331	46 220	987	2 068	29 006	76 385	94 525	174 714	8 215
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	1	29	10	674	25 575	535	1 116	17 800	40 663	71 848	115 834	6 068
332813	Electroplating, plating, polishing, anodizing, and coloring	4	26	10	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	1	132	46	5 432	182 784	4 506	9 019	131 690	605 497	386 305	992 907	37 391
33291	Metal valve manufacturing	3	11	5	561	19 793	423	880	11 645	49 024	33 092	86 187	1 776
332912	Fluid power valve and hose fitting manufacturing	—	7	3	312	10 705	213	453	6 151	28 862	16 988	46 787	1 020
332919	Other metal valve and pipe fitting manufacturing	9	3	1	c	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	1	121	41	4 871	162 991	4 083	8 139	120 045	556 473	353 213	906 720	35 615
332991	Ball and roller bearing manufacturing	1	10	7	1 843	67 564	1 590	3 172	52 689	219 908	120 000	337 611	19 127
332996	Fabricated pipe and pipe fitting manufacturing	1	21	6	600	17 956	518	1 008	13 478	41 323	58 322	99 667	1 132
332999	All other miscellaneous fabricated metal product manufacturing	—	71	26	2 292	73 155	1 869	3 754	50 843	282 246	169 921	451 442	14 974
333	Machinery manufacturing	1	'513	'187	'25 081	'916 051	'17 154	'34 127	'513 926	'2 668 227	'3 639 437	'6 329 136	'141 380

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GEORGIA—Con.													
333	Machinery manufacturing—Con.												
3331	Agriculture, construction, and mining machinery manufacturing	1	69	32	4 578	163 377	3 311	7 037	102 181	654 009	1 447 391	2 125 025	37 658
33311	Agricultural implement manufacturing	—	49	23	3 525	121 527	2 610	5 575	77 272	495 091	1 200 525	1 716 461	30 666
333111	Farm machinery and equipment manufacturing ..	—	43	20	g	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	6	3	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	8	15	8	1 008	40 440	667	1 386	24 027	156 862	244 371	404 030	6 914
333120	Construction machinery manufacturing	8	15	8	1 008	40 440	667	1 386	24 027	156 862	244 371	404 030	6 914
3332	Industrial machinery manufacturing	'2	'144	'43	'3 763	'163 195	'2 007	'3 977	'63 792	'338 288	'338 531	'678 135	'22 582
33322	Plastics and rubber industry machinery manufacturing	—	9	2	346	16 589	118	254	4 334	35 974	17 369	54 355	D
333220	Plastics and rubber industry machinery manufacturing ..	—	9	2	346	16 589	118	254	4 334	35 974	17 369	54 355	D
33329	Other industrial machinery manufacturing	'2	'125	'40	'3 322	'141 873	'1 827	'3 592	'57 591	'293 595	'310 585	'604 473	D
333291	Paper industry machinery manufacturing	4	8	3	142	7 220	68	133	2 273	15 839	11 609	27 851	D
333292	Textile machinery manufacturing	1	46	9	738	27 733	481	923	13 461	55 083	47 712	102 525	D
333293	Printing machinery and equipment manufacturing ..	1	12	5	713	31 619	382	810	11 069	85 633	122 000	207 116	D
333294	Food product machinery manufacturing	1	27	9	888	40 320	447	915	16 717	71 857	64 547	137 247	D
333298	All other industrial machinery manufacturing	4	'32	14	'841	'34 981	'449	'811	'14 071	'65 183	'64 717	'129 734	'7 061
3333	Commercial and service industry machinery manufacturing	3	41	12	1 294	51 747	805	1 593	26 147	124 714	87 859	210 268	9 776
33331	Commercial and service industry machinery manufacturing	3	41	12	1 294	51 747	805	1 593	26 147	124 714	87 859	210 268	9 776
333313	Office machinery manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing	3	27	9	1 038	41 314	660	1 285	21 192	103 142	78 390	179 103	3 737
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	47	32	7 300	243 018	5 367	10 550	150 686	644 478	778 607	1 435 370	16 239
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	2	47	32	7 300	243 018	5 367	10 550	150 686	644 478	778 607	1 435 370	16 239
333411	Air purification equipment manufacturing	2	9	6	357	15 077	190	376	4 976	51 884	40 150	92 087	1 291
333414	Heating equipment (except warm air furnaces) manufacturing	8	3	2	c	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	1	32	23	6 727	220 311	5 022	9 834	141 356	569 074	722 670	1 303 792	14 354
3335	Metalworking machinery manufacturing	1	89	15	1 428	59 267	912	1 890	34 309	107 138	64 216	170 783	10 671
33351	Metalworking machinery manufacturing	1	89	15	1 428	59 267	912	1 890	34 309	107 138	64 216	170 783	10 671
333511	Industrial mold manufacturing	2	17	2	204	8 335	153	345	5 284	16 167	7 543	23 680	5 304
333514	Special die and tool, die set, jig, and fixture manufacturing	1	44	7	462	21 528	334	630	12 453	43 621	15 091	55 124	1 020
333515	Cutting tool and machine tool accessory manufacturing...	1	18	3	601	21 220	327	719	12 659	32 828	26 265	60 974	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	15	11	2 503	78 278	2 138	4 062	60 084	268 651	453 076	707 913	29 896
33361	Engine, turbine, and power transmission equipment manufacturing	—	15	11	2 503	78 278	2 138	4 062	60 084	268 651	453 076	707 913	29 896
333611	Turbine and turbine generator set units manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
333612	Speed changer, industrial high-speed drive, and gear manufacturing	4	4	3	c	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	7	6	2 146	65 632	1 877	3 527	51 346	226 126	425 817	637 713	23 805

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GEORGIA—Con.													
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing	—	108	42	4 215	157 169	2 614	5 018	76 727	530 949	469 757	1 001 642	14 558
33391	Pump and compressor manufacturing	—	16	7	1 050	39 627	731	1 540	23 342	92 518	84 079	177 338	2 772
333911	Pump and pumping equipment manufacturing ..	—	11	6	905	35 914	617	1 301	20 799	86 626	79 713	166 984	D
333912	Air and gas compressor manufacturing	1	4	1	c	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing	—	29	13	1 048	45 322	576	1 217	19 243	103 849	188 109	293 151	5 183
333921	Elevator and moving stairway manufacturing	—	5	3	168	6 463	108	249	3 915	12 973	20 067	33 189	570
333922	Conveyor and conveying equipment manufacturing ..	—	8	2	240	11 241	119	221	5 046	16 340	23 533	40 584	379
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	10	6	562	24 638	308	666	9 056	69 128	139 162	208 678	D
33399	All other general purpose machinery manufacturing	—	63	22	2 117	72 220	1 307	2 261	34 142	334 582	197 569	531 153	6 603
333991	Power-driven handtool manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333992	Welding and soldering equipment manufacturing ..	1	4	1	175	7 710	96	185	3 210	18 955	23 536	42 004	530
333993	Packaging machinery manufacturing	—	23	6	654	28 268	360	741	11 642	180 546	68 178	248 965	930
333995	Fluid power cylinder and actuator manufacturing	3	4	2	c	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing	—	28	11	565	20 706	336	694	9 336	41 134	46 679	87 366	2 522
334	Computer and electronic product manufacturing	2	236	85	11 020	491 305	5 469	11 200	162 855	1 130 737	1 299 984	2 431 445	58 540
3341	Computer and peripheral equipment manufacturing	6	31	8	1 214	52 258	368	866	15 092	118 248	104 406	225 546	D
33411	Computer and peripheral equipment manufacturing	6	31	8	1 214	52 258	368	866	15 092	118 248	104 406	225 546	D
334111	Electronic computer manufacturing	9	11	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
334119	Other computer peripheral equipment manufacturing ..	9	16	5	247	13 868	91	180	3 434	35 568	48 630	84 169	D
3342	Communications equipment manufacturing	1	42	19	2 202	121 079	934	1 868	28 328	264 261	268 282	527 139	D
33421	Telephone apparatus manufacturing	1	10	4	641	33 283	240	508	5 063	66 926	57 176	123 106	D
334210	Telephone apparatus manufacturing	1	10	4	641	33 283	240	508	5 063	66 926	57 176	123 106	D
33422	Radio and television broadcasting and wireless communications equipment manufacturing	1	22	9	1 291	74 339	612	1 192	20 730	166 623	186 113	348 367	6 021
334220	Radio and television broadcasting and wireless communications equipment manufacturing	1	22	9	1 291	74 339	612	1 192	20 730	166 623	186 113	348 367	6 021
33429	Other communications equipment manufacturing	4	10	6	270	13 457	82	168	2 535	30 712	24 993	55 666	808
334290	Other communications equipment manufacturing ..	4	10	6	270	13 457	82	168	2 535	30 712	24 993	55 666	808
3343	Audio and video equipment manufacturing	—	12	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing	—	12	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing	—	12	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	—	52	21	2 436	89 791	1 551	3 121	43 702	203 083	215 209	423 919	D
33441	Semiconductor and other electronic component manufacturing	—	52	21	2 436	89 791	1 551	3 121	43 702	203 083	215 209	423 919	D
334412	Bare printed circuit board manufacturing	1	11	6	911	30 515	515	1 021	12 343	81 972	44 407	120 026	1 056
334414	Electronic capacitor manufacturing	—	1	1	c	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing	—	11	6	706	31 417	493	921	17 761	54 907	52 502	108 520	D
334419	Other electronic component manufacturing	1	17	5	e	D	D	D	D	D	D	D	667
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3	75	31	3 761	165 388	1 872	3 779	55 559	415 311	313 648	729 871	15 194

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GEORGIA—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 . . .	3	75	31	3 761	165 388	1 872	3 779	55 559	415 311	313 648	729 871	15 194
334510	Electromedical and electrotherapeutic apparatus manufacturing . . .	2	8	4	222	8 896	158	286	5 076	27 684	16 430	44 028	476
334511	Search, detection, navigation, guidance, aeronautical, and nautical system and instrument manufacturing	9	4	3	e	D	D	D	D	D	D	D	D
334512	Automatic environmental control manufacturing for residential, commercial, and appliance use	6	8	6	379	14 380	167	333	4 402	64 478	36 818	101 136	2 148
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	21	6	1 202	50 697	641	1 235	16 140	105 073	116 580	222 828	4 968
334514	Totalizing fluid meter and counting device manufacturing	5	7	3	561	20 550	242	536	7 810	50 168	51 252	101 663	1 817
334515	Instrument manufacturing for measuring and testing electricity and electrical signals	9	7	1	141	9 134	66	138	2 420	20 585	11 564	32 148	D
334516	Analytical laboratory instrument manufacturing . .	2	6	3	343	15 874	193	402	6 437	40 504	15 222	55 283	1 775
334518	Watch, clock, and part manufacturing	—	5	2	308	9 886	235	534	6 427	29 821	28 421	58 356	D
334519	Other measuring and controlling device manufacturing	3	6	2	101	5 306	41	81	1 124	12 850	9 147	22 067	420
3346	Manufacturing and reproducing magnetic and optical media	2	24	5	e	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media . . .	2	24	5	e	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing	2	15	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	130	70	20 082	672 110	15 276	30 538	419 317	2 113 392	2 805 342	4 961 437	112 921
3351	Electric lighting equipment manufacturing	—	17	7	h	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing . .	—	17	7	h	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	1	9	4	f	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	11	6	h	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing . .	—	10	6	4 139	104 925	3 637	6 233	83 118	359 027	782 973	1 119 996	33 185
335221	Household cooking appliance manufacturing	—	10	6	4 139	104 925	3 637	6 233	83 118	359 027	782 973	1 119 996	33 185
3353	Electrical equipment manufacturing	—	56	24	5 366	201 499	3 965	8 426	118 630	769 178	736 263	1 532 229	19 861
33531	Electrical equipment manufacturing	—	56	24	5 366	201 499	3 965	8 426	118 630	769 178	736 263	1 532 229	19 861
335311	Power, distribution, and specialty transformer manufacturing	—	5	4	995	33 359	797	1 677	23 881	79 531	106 865	186 634	2 460
335312	Motor and generator manufacturing	—	13	6	1 878	74 621	1 458	3 318	47 797	324 021	255 157	592 930	8 397
335313	Switchgear and switchboard apparatus manufacturing . . .	1	20	7	1 154	40 495	872	1 803	24 290	125 281	117 882	244 798	6 547
335314	Relay and industrial control manufacturing	—	18	7	1 339	53 024	838	1 628	22 662	240 345	256 359	507 867	2 457
3359	Other electrical equipment and component manufacturing	—	46	33	7 680	295 172	5 279	10 963	165 726	556 131	1 016 567	1 606 872	54 077
33591	Battery manufacturing	—	12	11	2 213	83 460	1 662	3 582	54 479	166 740	286 655	457 285	16 634
335911	Storage battery manufacturing	—	10	9	g	D	D	D	D	D	D	D	D
335912	Primary battery manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing . .	—	10	8	3 619	148 086	2 426	4 941	81 833	254 095	583 047	870 263	D
335921	Fiber optic cable manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing . .	—	7	6	g	D	D	D	D	D	D	D	D

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
GEORGIA—Con.													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3359	Other electrical equipment and component manufacturing—Con.												
33593	Wiring device manufacturing	—	16	12	1 382	48 539	873	1 846	22 110	78 791	91 906	172 014	1 604
335931	Current-carrying wiring device manufacturing	1	11	9	1 141	38 548	670	1 413	14 536	35 295	23 630	58 765	583
335932	Noncurrent-carrying wiring device manufacturing	—	5	3	241	9 991	203	433	7 574	43 496	68 276	113 249	1 021
33599	All other electrical equipment and component manufacturing	—	8	2	466	15 087	318	594	7 304	56 505	54 959	107 310	D
335999	All other miscellaneous electrical equipment and component manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	254	129	43 099	2 005 003	29 774	57 096	1 212 124	7 353 143	11 428 901	18 763 055	278 598
3361	Motor vehicle manufacturing	—	9	6	7 419	418 381	6 373	12 635	373 468	2 831 272	5 714 246	8 549 885	D
33611	Automobile and light duty motor vehicle manufacturing	—	7	4	i	D	D	D	D	D	D	D	D
336111	Automobile manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	3	1	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing	1	56	22	2 867	85 537	2 397	4 741	66 916	165 035	393 438	561 368	3 473
33621	Motor vehicle body and trailer manufacturing	1	56	22	2 867	85 537	2 397	4 741	66 916	165 035	393 438	561 368	3 473
336211	Motor vehicle body manufacturing	—	17	7	899	25 972	769	1 521	20 417	69 254	163 506	223 041	990
336212	Truck trailer manufacturing	—	13	6	916	29 577	760	1 616	23 331	39 579	95 170	140 194	1 032
336213	Motor home manufacturing	—	3	1	c	D	D	D	D	D	D	D	36
336214	Travel trailer and camper manufacturing	2	23	8	f	D	D	D	D	D	D	D	1 415
3363	Motor vehicle parts manufacturing	1	115	62	11 124	391 834	8 438	16 101	253 270	874 464	1 515 668	2 372 944	65 728
33631	Motor vehicle gasoline engine and engine parts manufacturing	—	25	12	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	—	22	10	1 839	62 114	1 237	1 338	37 775	118 826	216 539	336 824	14 547
33632	Motor vehicle electrical and electronic equipment manufacturing	5	18	10	1 737	49 568	1 418	2 645	31 783	95 366	146 469	241 504	6 525
336322	Other motor vehicle electrical and electronic equipment manufacturing	5	18	10	1 737	49 568	1 418	2 645	31 783	95 366	146 469	241 504	6 525
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	6	4	1 065	37 056	908	2 064	29 453	69 809	176 098	239 993	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	—	6	4	1 065	37 056	908	2 064	29 453	69 809	176 098	239 993	D
33634	Motor vehicle brake system manufacturing	—	5	4	883	25 634	768	1 624	19 395	74 173	45 592	118 720	8 771
336340	Motor vehicle brake system manufacturing	—	5	4	883	25 634	768	1 624	19 395	74 173	45 592	118 720	8 771
33635	Motor vehicle transmission and power train parts manufacturing	—	10	3	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	—	10	3	e	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping	2	10	10	1 090	33 009	889	1 602	22 252	82 615	94 010	175 716	8 624
336370	Motor vehicle metal stamping	2	10	10	1 090	33 009	889	1 602	22 252	82 615	94 010	175 716	8 624
33639	Other motor vehicle parts manufacturing	1	34	15	h	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing	1	32	15	3 061	121 894	2 034	4 365	66 382	279 630	451 852	721 025	15 223
3364	Aerospace product and parts manufacturing	—	32	22	15 199	882 302	8 410	15 584	393 483	2 736 023	2 612 933	5 330 528	106 579
33641	Aerospace product and parts manufacturing	—	32	22	15 199	882 302	8 410	15 584	393 483	2 736 023	2 612 933	5 330 528	106 579
336411	Aircraft manufacturing	—	8	6	j	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	9	8	1 948	64 559	1 594	3 114	47 435	236 711	138 952	369 543	5 977

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)				
GEORGIA—Con.													
336	Transportation equipment manufacturing—Con.												
3364	Aerospace product and parts manufacturing—Con.												
33641	Aerospace product and parts manufacturing—Con.												
336413	Other aircraft parts and auxiliary equipment manufacturing	—	13	6	877	41 738	672	1 199	31 669	118 219	62 958	187 256	D
336419	Other guided missile and space vehicle parts and auxiliary equipment manufacturing	9	2	2	e	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	5	3	973	39 801	626	1 313	21 995	99 906	103 794	203 747	2 050
33651	Railroad rolling stock manufacturing	—	5	3	973	39 801	626	1 313	21 995	99 906	103 794	203 747	2 050
336510	Railroad rolling stock manufacturing	—	5	3	973	39 801	626	1 313	21 995	99 906	103 794	203 747	2 050
3366	Ship and boat building	1	20	9	1 834	51 155	1 527	3 027	34 960	103 788	184 695	288 483	D
33661	Ship and boat building	1	20	9	1 834	51 155	1 527	3 027	34 960	103 788	184 695	288 483	D
336612	Boat building	1	19	9	g	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	17	5	3 683	135 993	2 003	3 695	68 032	542 655	904 127	1 456 100	86 368
33699	Other transportation equipment manufacturing	—	17	5	3 683	135 993	2 003	3 695	68 032	542 655	904 127	1 456 100	86 368
336991	Motorcycle, bicycle, and parts manufacturing	—	2	1	c	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	14	4	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	695	121	13 230	374 348	10 561	20 432	254 385	1 124 100	824 562	1 932 398	40 591
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	'542	'68	'7 596	'199 629	'6 241	'12 000	'140 947	'575 927	'451 103	'1 016 368	'25 379
33711	Wood kitchen cabinet and countertop manufacturing	2	'359	'40	'3 874	'104 745	'3 129	'5 653	'72 422	'307 487	'242 792	'550 519	'12 399
337110	Wood kitchen cabinet and countertop manufacturing ..	2	'359	'40	'3 874	'104 745	'3 129	'5 653	'72 422	'307 487	'242 792	'550 519	'12 399
33712	Household and institutional furniture manufacturing	1	183	28	3 722	94 884	3 112	6 347	68 525	268 440	208 311	465 849	12 980
337121	Upholstered household furniture manufacturing	—	32	4	868	20 134	720	1 435	15 133	54 303	64 061	117 773	2 561
337122	Nonupholstered wood household furniture manufacturing	2	98	15	1 862	41 177	1 619	3 252	31 620	129 793	78 186	197 556	8 391
337124	Metal household furniture manufacturing	—	13	2	221	7 174	138	286	2 988	37 057	40 031	76 779	1 053
337127	Institutional furniture manufacturing	1	16	6	655	22 974	556	1 216	16 920	39 288	19 799	59 580	764
3372	Office furniture (including fixtures) manufacturing	3	'126	'42	'4 543	'142 076	'3 429	'6 840	'91 226	'414 348	'280 813	'689 084	'13 919
33721	Office furniture (including fixtures) manufacturing	3	'126	'42	'4 543	'142 076	'3 429	'6 840	'91 226	'414 348	'280 813	'689 084	'13 919
337211	Wood office furniture manufacturing	9	12	3	613	17 204	493	944	11 488	39 569	26 366	65 843	D
337212	Custom architectural woodwork and millwork manufacturing	—	'44	'13	'836	'30 059	'604	'1 269	'17 832	'62 234	'35 065	'95 763	D
337214	Office furniture (except wood) manufacturing	4	13	5	989	36 112	843	1 791	28 609	187 518	108 863	293 727	3 450
337215	Showcase, partition, shelving, and locker manufacturing	2	57	21	2 105	58 701	1 489	2 836	33 297	125 027	110 519	233 751	6 583
3379	Other furniture related product manufacturing	—	27	11	1 091	32 643	891	1 592	22 212	133 825	92 646	226 946	1 293
33791	Mattress manufacturing	—	19	8	747	24 347	628	1 187	17 235	95 969	77 034	173 245	1 098
337910	Mattress manufacturing	—	19	8	747	24 347	628	1 187	17 235	95 969	77 034	173 245	1 098
33792	Blind and shade manufacturing	—	8	3	344	8 296	263	405	4 977	37 856	15 612	53 701	195
337920	Blind and shade manufacturing	—	8	3	344	8 296	263	405	4 977	37 856	15 612	53 701	195
339	Miscellaneous manufacturing	2	753	129	16 085	628 066	10 539	20 743	316 767	2 049 397	1 297 081	3 307 964	76 447
3391	Medical equipment and supplies manufacturing	1	307	48	7 493	352 069	4 557	9 018	165 923	1 323 184	792 164	2 084 219	32 752
33911	Medical equipment and supplies manufacturing	1	307	48	7 493	352 069	4 557	9 018	165 923	1 323 184	792 164	2 084 219	32 752
339111	Laboratory apparatus and furniture manufacturing	7	4	1	c	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	—	17	7	1 417	97 375	306	603	9 131	383 268	133 336	521 481	3 065
339113	Surgical appliance and supplies manufacturing	4	33	12	2 590	106 654	1 649	3 433	49 782	425 985	264 527	689 396	15 861
339114	Dental equipment and supplies manufacturing	—	20	4	e	D	D	D	D	D	D	D	758
339115	Ophthalmic goods manufacturing	—	14	5	g	D	D	D	D	D	D	D	D

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

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

NAICS code	Geographic area and industry	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)
GEORGIA—Con.													
339	Miscellaneous manufacturing—Con.												
3391	Medical equipment and supplies manufacturing—Con.												
33911	Medical equipment and supplies manufacturing—Con.												
339116	Dental laboratories	4	219	19	1 756	54 911	1 311	2 480	38 540	89 683	20 615	110 235	2 860
3399	Other miscellaneous manufacturing	2	446	81	8 592	275 997	5 982	11 725	150 844	726 213	504 917	1 223 745	43 695
33992	Sporting and athletic goods manufacturing	—	40	10	814	30 712	481	850	11 366	132 895	87 458	218 555	6 756
339920	Sporting and athletic goods manufacturing	—	40	10	814	30 712	481	850	11 366	132 895	87 458	218 555	6 756
33993	Doll, toy, and game manufacturing	6	14	4	c	D	D	D	D	D	D	D	297
339932	Game, toy, and children's vehicle manufacturing	6	12	4	200	7 498	112	221	3 194	14 231	9 700	23 128	D
33994	Office supplies (except paper) manufacturing	3	11	5	816	18 308	653	1 340	12 001	107 162	68 429	172 513	1 570
339942	Lead pencil and art good manufacturing	1	3	2	e	D	D	D	D	D	D	D	755
339943	Marking device manufacturing	9	8	3	e	D	D	D	D	D	D	D	815
33995	Sign manufacturing	3	213	28	2 373	75 644	1 499	2 779	36 634	134 420	83 918	219 031	8 357
339950	Sign manufacturing	3	213	28	2 373	75 644	1 499	2 779	36 634	134 420	83 918	219 031	8 357
33999	All other miscellaneous manufacturing	2	148	34	4 291	141 133	3 173	6 421	86 293	332 786	250 088	580 418	26 596
339991	Gasket, packing, and sealing device manufacturing	—	10	3	f	D	D	D	D	D	D	D	D
339992	Musical instrument manufacturing	—	7	1	e	D	D	D	D	D	D	D	158
339993	Fastener, button, needle, and pin manufacturing	1	7	3	g	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing	7	7	5	414	12 488	316	657	7 258	24 506	22 324	46 679	773
339999	All other miscellaneous manufacturing	2	110	21	1 448	43 238	1 056	1 936	24 963	93 311	86 565	180 528	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 100 employees or more are shown. Some statistics are withheld to avoid disclosing data for individual companies. If employment is 100 or more, number of establishments is shown and employment-size range is indicated by one of the following symbols: c—100 to 249 employees; e—250 to 499 employees; f—500 to 999 employees; g—1,000 to 2,499 employees, h—2,500 to 4,999 employees; i—5,000 to 9,999 employees; j—10,000 to 24,999 employees; k—25,000 to 49,999 employees; l—50,000 to 99,999 employees; m—100,000 employees or more.

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

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

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

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

NAICS code	Geographic area and industry	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	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.													
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	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.													
316	Leather and allied product manufacturing	1	11	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	210	77	i	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation	1	24	10	f	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	1	24	10	f	D	D	D	D	D	D	D	D
321113	Sawmills	3	19	8	f	D	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	D
32121	Veneer, plywood, and engineered wood product manufacturing	—	36	20	g	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
321214	Truss manufacturing	—	23	14	f	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing	—	5	4	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	2	150	47	h	D	D	D	D	D	D	D	D
32191	Millwork	1	86	32	h	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing	—	30	17	g	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring)	2	46	13	g	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	4	39	9	f	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	4	39	9	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	2	25	6	f	D	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	D
322	Paper manufacturing	1	114	77	i	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	2	9	8	f	D	D	D	D	D	D	D	D
32213	Paperboard mills	2	6	6	f	D	D	D	D	D	D	D	D
322130	Paperboard mills	2	6	6	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	105	69	i	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	67	49	i	D	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	D
322212	Folding paperboard box manufacturing	—	14	12	g	D	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	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	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	—	14	9	g	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	1	6	3	f	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	—	8	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	746	148	j	D	D	D	D	D	D	D	D
3231	Printing and related support activities	2	746	148	j	D	D	D	D	D	D	D	D
32311	Printing	2	671	129	j	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	306	76	i	D	D	D	D	D	D	D	D
323111	Commercial gravure printing	—	11	2	e	D	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	10 260
323113	Commercial screen printing	6	68	10	f	D	D	D	D	D	D	D	D
323114	Quick printing	4	150	7	f	D	D	D	D	D	D	D	D
323115	Digital printing	1	34	6	f	D	D	D	D	D	D	D	2 102
323116	Manifold business forms printing	2	15	8	f	D	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	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.													
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

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.												
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	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.													
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

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.												
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

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.												
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.]

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.													
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

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)				
	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
33621	Motor vehicle body and trailer manufacturing	1	22	7	f	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	1	12	5	e	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	1	5	2	e	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	1	72	41	i	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
336311	Carburetor, piston, piston ring, and valve manufacturing	—	3	2	e	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	—	15	9	g	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
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
33633	Motor vehicle steering and suspension component (except spring) manufacturing	—	4	2	e	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
33635	Motor vehicle transmission and power train parts manufacturing	—	5	2	e	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
33636	Motor vehicle seating and interior trim manufacturing	—	3	3	f	D	D	D	D	D	D	382
336360	Motor vehicle seating and interior trim manufacturing ..	—	3	3	f	D	D	D	D	D	D	382
33637	Motor vehicle metal stamping ..	3	6	6	f	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping	3	6	6	f	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing	2	23	10	g	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
3364	Aerospace product and parts manufacturing	—	13	7	i	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	13	7	i	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	4	3	i	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	—	5	3	f	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	—	5	3	f	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	—	5	3	f	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	6	1	f	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	6	1	f	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	3	380	66	i	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
33711	Wood kitchen cabinet and countertop manufacturing	2	'177	'17	g	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
33712	Household and institutional furniture manufacturing	1	93	11	g	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	5	39	4	e	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing	2	9	4	e	D	D	D	D	D	D	403

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.													
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

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.												
	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

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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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

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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.													
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

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.													
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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
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	ATLANTA-SANDY SPRINGS-GAINESVILLE, GA-AL COMBINED STATISTICAL AREA—Con.												
	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.

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	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

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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.												
	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	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.													
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.

[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.													
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
CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA													
31-33	Manufacturing	—	892	337	59 008	2 076 578	44 384	87 459	1 314 981	7 204 590	6 278 916	13 461 763	471 853
311	Food manufacturing	—	50	24	j	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling	—	5	4	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing	—	4	3	g	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate	—	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate	—	1	1	f	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
31152	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
311520	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	4	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	4	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	26	10	i	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	22	6	i	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	6	5	i	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	3	4	4	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	3	4	4	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	8	2	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	8	2	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	6	2	e	D	D	D	D	D	D	D	D
313	Textile mills	1	28	18	i	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	12	9	h	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	—	12	9	h	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	1	8	6	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	—	4	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills	1	7	4	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	1	5	3	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	1	5	3	g	D	D	D	D	D	D	D	D

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
	CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.													
313	Textile mills—Con.													
3133	Textile and fabric finishing and fabric coating mills	—	9	5	f	D	D	D	D	D	D	D	D	
31331	Textile and fabric finishing mills	—	7	5	f	D	D	D	D	D	D	D	D	
313311	Broadwoven fabric finishing mills	—	3	2	e	D	D	D	D	D	D	D	D	
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	4	3		389	8 774	350	648	6 965	13 679	32 889	46 714	D
314	Textile product mills	1	22	10	f	D	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	1	9	6	f	D	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	1	8	5	f	D	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	1	8	5	f	D	D	D	D	D	D	D	D	D
315	Apparel manufacturing	2	25	12	g	D	D	D	D	D	D	D	D	D
3151	Apparel knitting mills	—	13	7	g	D	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills	—	10	7	g	D	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills	—	8	7	g	D	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	6	9	5	f	D	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	6	4	3	f	D	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	—	1	1	e	D	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	9	1	1	e	D	D	D	D	D	D	D	D	D
316	Leather and allied product manufacturing	5	12	6	e	D	D	D	D	D	D	D	D	D
3169	Other leather and allied product manufacturing	6	11	5	e	D	D	D	D	D	D	D	D	D
31699	Other leather and allied product manufacturing	6	11	5	e	D	D	D	D	D	D	D	D	D
316999	All other leather goods manufacturing	6	11	5	e	D	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	35	11	f	D	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	2	27	7	e	D	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	19	16	h	D	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	5	4	g	D	D	D	D	D	D	D	D	D
32212	Paper mills	—	1	1	g	D	D	D	D	D	D	D	D	D
322122	Newsprint mills	—	1	1	g	D	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	1	14	12	g	D	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	11	10	g	D	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	2	7	6	f	D	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing	—	3	3	e	D	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	99	17		1 748	63 005	1 207	2 058	35 828	132 226	78 286	210 171	D
3231	Printing and related support activities	1	99	17		1 748	63 005	1 207	2 058	35 828	132 226	78 286	210 171	D
32311	Printing	1	86	17	g	D	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	39	10	f	D	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing	—	3	2	e	D	D	D	D	D	D	D	D	D
323113	Commercial screen printing	—	19	4	e	D	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	60	26	h	D	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	—	16	9	f	D	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	—	4	2	e	D	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	6	3	e	D	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	6	3	e	D	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)
CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.													
325 3252	Chemical manufacturing—Con. Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	9	7	1 471	83 269	912	2 117	46 208	325 945	254 468	586 388	15 814
32521	Resin and synthetic rubber manufacturing	3	6	4	e	D	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	3	4	3	e	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	3	3	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	5	3	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	1	15	5	540	23 455	342	686	15 649	110 112	69 686	183 392	8 875
32599	All other chemical product and preparation manufacturing ...	1	11	4	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	1	6	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	55	30	2 771	84 022	2 152	4 256	54 973	262 391	308 593	568 836	D
3261	Plastics product manufacturing ..	1	41	26	h	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	—	8	8	g	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	—	8	8	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	22	12	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	1	18	10	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	38	13	g	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	—	20	9	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	21	12	g	D	D	D	D	D	D	D	D
3315	Foundries	—	13	7	g	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	9	6	g	D	D	D	D	D	D	D	D
331511	Iron foundries	—	7	5	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	161	48	h	D	D	D	D	D	D	D	D
3321	Forging and stamping	1	10	5	e	D	D	D	D	D	D	D	D
33211	Forging and stamping	1	10	5	e	D	D	D	D	D	D	D	D
3322	Cutlery and handtool manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	3	44	15	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing	4	18	5	429	17 249	317	674	11 807	49 015	26 466	76 620	1 129
332312	Fabricated structural metal manufacturing	4	14	5	387	15 688	290	614	11 022	46 266	24 741	72 165	D
33232	Ornamental and architectural metal products manufacturing	2	26	10	f	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing	—	17	9	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)				
	CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.												
332	Fabricated metal product manufacturing—Con.												
3324	Boiler, tank, and shipping container manufacturing	—	8	3	e	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	—	6	3	387	15 405	231	430	7 193	29 589	24 927	56 531	1 876
332420	Metal tank (heavy gauge) manufacturing	—	6	3	387	15 405	231	430	7 193	29 589	24 927	56 531	1 876
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	59	10	f	D	D	D	D	D	D	D	D
33271	Machine shops	3	52	6	e	D	D	D	D	D	D	D	D
332710	Machine shops	3	52	6	e	D	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing	1	7	4	253	9 104	195	415	5 611	18 987	19 776	38 627	2 915
3328	Coating, engraving, heat treating, and allied activities	3	14	7	e	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	3	14	7	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	16	4	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	3	15	3	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	66	28	h	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	13	7	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing	2	12	6	e	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing	—	8	3	263	13 207	171	380	6 914	18 752	24 179	42 537	D
333292	Textile machinery manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	5	7	5	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	5	7	5	f	D	D	D	D	D	D	D	D
333411	Air purification equipment manufacturing	7	3	3	e	D	D	D	D	D	D	D	D
333414	Heating equipment (except warm air furnaces) manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	3	19	6	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	5	14	5	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	19	14	i	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing	—	5	5	h	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	5	5	h	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing	—	5	5	h	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	6	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)					
CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.														
335	Electrical equipment, appliance, and component manufacturing—Con.													
3359	Other electrical equipment and component manufacturing.....	1	7	6	g	D	D	D	D	D	D	D	D	
33591	Battery manufacturing	1	2	2	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	—	19	10	h	D	D	D	D	D	D	D	D	
3362	Motor vehicle body and trailer manufacturing	—	5	4	g	D	D	D	D	D	D	D	D	
33621	Motor vehicle body and trailer manufacturing	—	5	4	g	D	D	D	D	D	D	D	D	
336211	Motor vehicle body manufacturing	—	3	2	f	D	D	D	D	D	D	D	D	
3363	Motor vehicle parts manufacturing	—	9	4	g	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	
33636	Motor vehicle seating and interior trim manufacturing....	—	1	1	f	D	D	D	D	D	D	D	D	
336360	Motor vehicle seating and interior trim manufacturing..	—	1	1	f	D	D	D	D	D	D	D	D	
337	Furniture and related product manufacturing	—	69	17		2 460	61 734	2 057	4 144	42 844	159 774	138 497	295 785	3 790
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	55	10	g	D	D	D	D	D	D	D	D	
33712	Household and institutional furniture manufacturing	—	25	8	g	D	D	D	D	D	D	D	D	
337121	Upholstered household furniture manufacturing	—	14	5	g	D	D	D	D	D	D	D	D	
3372	Office furniture (including fixtures) manufacturing	—	10	6	f	D	D	D	D	D	D	D	D	
33721	Office furniture (including fixtures) manufacturing	—	10	6	f	D	D	D	D	D	D	D	D	
337215	Showcase, partition, shelving, and locker manufacturing	—	7	4	e	D	D	D	D	D	D	D	D	
339	Miscellaneous manufacturing	2	69	16	g	D	D	D	D	D	D	D	D	
3391	Medical equipment and supplies manufacturing	2	30	5	f	D	D	D	D	D	D	D	D	
33911	Medical equipment and supplies manufacturing	2	30	5	f	D	D	D	D	D	D	D	D	
339113	Surgical appliance and supplies manufacturing	—	9	4	f	D	D	D	D	D	D	D	D	
3399	Other miscellaneous manufacturing	2	39	11	g	D	D	D	D	D	D	D	D	
33995	Sign manufacturing.....	7	13	4	e	D	D	D	D	D	D	D	D	
339950	Sign manufacturing.....	7	13	4	e	D	D	D	D	D	D	D	D	
33999	All other miscellaneous manufacturing	—	15	4	f	D	D	D	D	D	D	D	D	
339994	Broom, brush, and mop manufacturing	—	1	1	e	D	D	D	D	D	D	D	D	
Athens, TN Micropolitan Statistical Area														
31-33	Manufacturing	—	65	28		5 804	228 832	4 356	8 557	152 770	777 056	707 280	1 487 086	76 232
311	Food manufacturing	—	4	1	f	D	D	D	D	D	D	D	D	
3115	Dairy product manufacturing.....	—	1	1	f	D	D	D	D	D	D	D	D	
31152	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D	
311520	Ice cream and frozen dessert manufacturing	—	1	1	f	D	D	D	D	D	D	D	D	
315	Apparel manufacturing.....	—	4	3		418	10 056	353	665	6 840	25 043	18 917	45 204	308
3151	Apparel knitting mills.....	—	3	2	e	D	D	D	D	D	D	D	308	
31511	Hosiery and sock mills.....	—	3	2	e	D	D	D	D	D	D	D	308	
315119	Other hosiery and sock mills.	—	3	2	e	D	D	D	D	D	D	D	308	
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	
322122	Newsprint mills	—	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.

[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)				
CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.													
Athens, TN Micropolitan Statistical Area—Con.													
326	Plastics and rubber products manufacturing	-	7	5	894	28 281	633	1 273	17 221	65 395	122 572	187 848	D
3261	Plastics product manufacturing ..	-	5	4	f	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	10	2	496	17 208	416	784	12 868	18 593	59 503	79 236	D
3322	Cutlery and handtool manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	2	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing....	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing..	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	8	3	293	7 786	212	423	4 827	15 003	13 729	28 697	569
Chattanooga, TN-GA Metropolitan Statistical Area													
31-33	Manufacturing	-	684	254	42 080	1 446 891	31 114	61 406	882 697	4 223 360	4 090 434	8 282 216	287 643
311	Food manufacturing	-	36	19	10 964	362 607	6 883	13 238	173 852	936 172	816 388	1 747 670	103 622
3112	Grain and oilseed milling	-	4	4	421	13 550	303	688	8 774	47 330	189 358	236 419	3 417
3113	Sugar and confectionery product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	19	8	i	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	15	4	i	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	3	3	i	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	3	4	4	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	3	4	4	f	D	D	D	D	D	D	D	D
313	Textile mills	-	25	18	5 603	144 971	5 124	10 369	122 310	345 506	418 504	763 203	26 882
3131	Fiber, yarn, and thread mills	-	11	9	2 675	62 257	2 530	5 145	55 828	118 198	254 554	373 544	D
31311	Fiber, yarn, and thread mills ...	-	11	9	2 675	62 257	2 530	5 145	55 828	118 198	254 554	373 544	D
313111	Yarn spinning mills	1	8	6	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	3	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills	1	6	4	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	1	5	3	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	1	5	3	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.												
	Chattanooga, TN-GA Metropolitan Statistical Area—Con.												
313	Textile mills—Con.												
3133	Textile and fabric finishing and fabric coating mills	—	8	5	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	7	5	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	—	3	2	e	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	4	3	389	8 774	350	648	6 965	13 679	32 889	46 714	D
314	Textile product mills	—	19	9	759	20 263	643	1 277	15 514	82 595	124 679	208 467	1 473
3141	Textile furnishings mills	—	8	5	f	D	D	D	D	D	D	D	503
31411	Carpet and rug mills	—	7	4	581	16 453	518	1 118	13 577	75 364	117 599	193 898	D
314110	Carpet and rug mills	—	7	4	581	16 453	518	1 118	13 577	75 364	117 599	193 898	D
315	Apparel manufacturing	3	15	6	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	21	7	336	7 625	277	459	4 776	16 905	16 795	34 547	1 467
322	Paper manufacturing	—	13	11	1 612	59 139	1 264	2 629	40 623	175 571	168 802	341 337	10 553
3221	Pulp, paper, and paperboard mills	—	3	3	381	18 613	296	669	12 818	61 647	49 794	111 562	3 760
3222	Converted paper product manufacturing	—	10	8	1 231	40 526	968	1 960	27 805	113 924	119 008	229 775	6 793
32221	Paperboard container manufacturing	—	7	6	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	—	4	3	391	12 539	310	633	8 361	25 951	44 910	70 639	D
322212	Folding paperboard box manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	—	80	14	1 597	58 997	1 090	1 895	33 256	123 426	73 014	196 045	7 729
3231	Printing and related support activities	—	80	14	1 597	58 997	1 090	1 895	33 256	123 426	73 014	196 045	7 729
32311	Printing	—	68	14	g	D	D	D	D	D	D	D	7 641
323110	Commercial lithographic printing	—	28	7	517	19 437	326	625	10 388	38 427	23 504	61 422	3 690
323112	Commercial flexographic printing	—	3	2	e	D	D	D	D	D	D	D	D
323113	Commercial screen printing	—	17	4	488	16 204	369	555	9 233	41 325	19 198	60 643	2 461
325	Chemical manufacturing	1	49	19	2 889	167 395	1 670	3 691	78 470	672 362	504 186	1 180 314	D
3251	Basic chemical manufacturing	—	13	7	529	28 765	299	662	15 243	119 910	153 128	273 357	5 488
32519	Other basic organic chemical manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	6	3	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	9	7	1 471	83 269	912	2 117	46 208	325 945	254 468	586 388	15 814
32521	Resin and synthetic rubber manufacturing	3	6	4	e	D	D	D	D	D	D	D	D
325212	Synthetic rubber manufacturing	3	4	3	e	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	40	19	1 575	48 062	1 277	2 642	33 388	173 710	163 122	334 245	13 088
3261	Plastics product manufacturing	2	30	16	1 399	43 080	1 146	2 389	30 423	156 028	146 269	299 939	D
32615	Urethane and other foam product (except polystyrene) manufacturing	2	4	4	337	9 664	246	489	6 140	24 591	32 737	56 807	1 952
326150	Urethane and other foam product (except polystyrene) manufacturing	2	4	4	337	9 664	246	489	6 140	24 591	32 737	56 807	1 952
32619	Other plastics product manufacturing	1	16	7	691	20 230	606	1 185	14 667	87 968	70 699	158 595	5 020
326199	All other plastics product manufacturing	1	14	7	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.													
Chattanooga, TN-GA Metropolitan Statistical Area—Con.													
327	Nonmetallic mineral product manufacturing	1	30	8	748	27 824	515	1 068	17 774	106 735	55 183	164 196	6 900
3271	Clay product and refractory manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	—	16	6	440	15 669	293	610	10 726	67 500	34 549	102 664	3 066
331	Primary metal manufacturing	—	19	12	2 365	89 656	1 907	4 017	65 567	325 870	117 320	429 039	D
3315	Foundries	—	12	7	2 085	80 121	1 699	3 586	59 707	292 896	61 055	342 367	7 262
33151	Ferrous metal foundries	—	8	6	1 999	76 983	1 638	3 444	57 508	282 962	57 007	328 495	7 030
331511	Iron foundries	—	6	5	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	136	42	3 545	126 113	2 679	5 400	81 873	343 425	183 225	518 065	22 023
3321	Forging and stamping	1	8	4	338	9 874	275	545	6 443	20 212	18 436	38 623	818
33211	Forging and stamping	1	8	4	338	9 874	275	545	6 443	20 212	18 436	38 623	818
3323	Architectural and structural metals manufacturing	3	38	13	860	28 887	661	1 378	19 207	71 597	39 723	112 303	3 126
33231	Plate work and fabricated structural product manufacturing	4	18	5	429	17 249	317	674	11 807	49 015	26 466	76 620	1 129
332312	Fabricated structural metal manufacturing	4	14	5	387	15 688	290	614	11 022	46 266	24 741	72 165	D
33232	Ornamental and architectural metal products manufacturing	2	20	8	431	11 638	344	704	7 400	22 582	13 257	35 683	1 997
332322	Sheet metal work manufacturing	1	13	7	290	9 340	224	479	5 711	18 617	9 724	28 296	1 807
3324	Boiler, tank, and shipping container manufacturing	—	8	3	e	D	D	D	D	D	D	D	D
33242	Metal tank (heavy gauge) manufacturing	—	6	3	387	15 405	231	430	7 193	29 589	24 927	56 531	1 876
332420	Metal tank (heavy gauge) manufacturing	—	6	3	387	15 405	231	430	7 193	29 589	24 927	56 531	1 876
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	54	9	684	24 661	531	1 040	15 786	48 306	33 657	81 999	3 968
33271	Machine shops	3	47	5	431	15 557	336	625	10 175	29 319	13 881	43 372	1 053
332710	Machine shops	3	47	5	431	15 557	336	625	10 175	29 319	13 881	43 372	1 053
33272	Turned product and screw, nut, and bolt manufacturing	1	7	4	253	9 104	195	415	5 611	18 987	19 776	38 627	2 915
3328	Coating, engraving, heat treating, and allied activities	2	10	6	278	9 219	214	423	6 306	20 499	5 672	26 132	D
33281	Coating, engraving, heat treating, and allied activities ..	2	10	6	278	9 219	214	423	6 306	20 499	5 672	26 132	D
3329	Other fabricated metal product manufacturing	—	13	4	756	30 778	583	1 235	22 195	138 427	52 998	179 924	11 472
33291	Metal valve manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	3	12	3	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	52	21	3 310	131 342	2 401	4 639	77 485	329 657	519 321	854 132	11 091
3331	Agriculture, construction, and mining machinery manufacturing	—	6	4	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	—	5	4	1 484	65 545	1 056	1 956	41 991	166 668	337 950	503 956	5 007
333120	Construction machinery manufacturing	—	5	4	1 484	65 545	1 056	1 956	41 991	166 668	337 950	503 956	5 007
3332	Industrial machinery manufacturing	2	11	5	386	19 075	245	539	9 101	28 365	31 518	59 339	D
33329	Other industrial machinery manufacturing	—	8	3	263	13 207	171	380	6 914	18 752	24 179	42 537	D
333292	Textile machinery manufacturing	—	6	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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
	CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.												
	Chattanooga, TN-GA Metropolitan Statistical Area—Con.												
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	6	4	515	16 258	387	730	8 492	34 342	22 341	56 296	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	3	6	4	515	16 258	387	730	8 492	34 342	22 341	56 296	D
333414	Heating equipment (except warm air furnaces) manufacturing	3	3	2	e	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	4	17	4	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	13	8	2 449	68 420	2 216	4 089	55 063	259 535	436 146	698 469	23 582
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	4	6	5	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	14	7	1 181	36 808	941	1 882	27 331	82 811	279 032	356 870	4 312
3362	Motor vehicle body and trailer manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	38	9	806	23 150	597	1 172	14 092	84 103	57 543	141 433	2 480
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	32	5	462	11 891	367	704	8 167	56 852	37 441	93 633	1 459
33712	Household and institutional furniture manufacturing	—	9	3	259	7 054	205	441	4 854	20 656	11 666	31 651	485
3372	Office furniture (including fixtures) manufacturing	—	3	3	299	10 282	199	417	5 486	23 082	17 148	40 667	D
33721	Office furniture (including fixtures) manufacturing	—	3	3	299	10 282	199	417	5 486	23 082	17 148	40 667	D
339	Miscellaneous manufacturing	2	55	13	1 425	48 642	922	1 808	26 400	104 846	102 361	200 265	3 523
3391	Medical equipment and supplies manufacturing	1	25	4	614	26 159	367	710	14 230	57 202	34 088	85 314	2 023
33911	Medical equipment and supplies manufacturing	1	25	4	614	26 159	367	710	14 230	57 202	34 088	85 314	2 023
339113	Surgical appliance and supplies manufacturing	—	7	3	462	20 489	266	517	11 278	42 434	29 281	65 752	D
3399	Other miscellaneous manufacturing	3	30	9	811	22 483	555	1 098	12 170	47 644	68 273	114 951	1 500
33995	Sign manufacturing	7	11	4	492	13 172	331	665	7 385	25 949	21 558	47 621	919
339950	Sign manufacturing	7	11	4	492	13 172	331	665	7 385	25 949	21 558	47 621	919

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)				
CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.													
Cleveland, TN Metropolitan Statistical Area													
31-33	Manufacturing	—	143	55	11 124	400 855	8 914	17 496	279 514	2 204 174	1 481 202	3 692 461	107 978
311	Food manufacturing	—	10	4	1 303	65 204	1 105	2 425	53 873	648 031	322 134	975 324	D
3113	Sugar and confectionery product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
31133	Confectionery manufacturing from purchased chocolate . . .	—	1	1	f	D	D	D	D	D	D	D	D
311330	Confectionery manufacturing from purchased chocolate . .	—	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	—	5	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	3	2	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	3	2	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	6	3	1 401	48 209	987	1 895	26 931	80 197	68 617	149 833	951
3151	Apparel knitting mills	—	3	1	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills	—	2	1	f	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills .	—	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	7	2	2	f	D	D	D	D	D	D	D	D
315222	Men's and boys' cut and sew suit, coat, and overcoat manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	2	5	4	581	21 945	467	1 022	15 039	54 897	101 889	157 699	D
3222	Converted paper product manufacturing	2	4	4	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	2	4	4	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	2	3	3	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	8	6	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	1	4	3	343	15 668	216	423	11 471	88 589	39 490	130 659	6 080
32599	All other chemical product and preparation manufacturing . . .	1	3	2	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	1	2	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	8	6	302	7 679	242	341	4 364	23 286	22 899	46 743	1 196
3261	Plastics product manufacturing . .	—	6	6	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	8	7	3	293	12 417	172	337	5 838	26 485	20 458	44 567	209
335	Electrical equipment, appliance, and component manufacturing	—	4	4	3 095	109 804	2 554	4 877	78 904	512 181	381 354	900 373	D
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	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

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

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CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA—Con.													
Cleveland, TN Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	—	1	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
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
337	Furniture and related product manufacturing	—	23	5	1 361	30 798	1 248	2 549	23 925	60 668	67 225	125 655	741
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	18	3	1 252	28 096	1 156	2 380	22 025	54 298	62 845	114 767	672
33712	Household and institutional furniture manufacturing	—	13	3	1 220	27 080	1 133	2 331	21 376	52 876	61 894	112 375	D
337121	Upholstered household furniture manufacturing	—	10	3	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	10	2	436	12 827	358	720	7 913	33 592	20 843	52 052	806
3399	Other miscellaneous manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
339994	Broom, brush, and mop manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
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

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COLUMBUS-AUBURN-OPELIKA, GA-AL COMBINED STATISTICAL AREA—Con.													
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
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

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.														
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	
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

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.													
Auburn-Opelika, AL Metropolitan Statistical Area—Con.													
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
Columbus, GA-AL Metropolitan Statistical Area													
31-33	Manufacturing	2	202	73	15 128	468 507	12 232	23 531	335 889	11 484 662	11 381 649	12 857 370	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

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)				
COLUMBUS-AUBURN-OPELIKA, GA-AL COMBINED STATISTICAL AREA—Con.													
Columbus, GA-AL Metropolitan Statistical Area—Con.													
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
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

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)				
	MACON-WARNER ROBINS-FORT VALLEY, GA COMBINED STATISTICAL AREA												
31-33	Manufacturing	-	279	78	15 242	606 664	11 830	23 385	427 439	5 391 268	2 008 824	7 400 090	119 977
311	Food manufacturing	3	26	4	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	14	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills	1	5	4	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	2	2	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	2	25	8	f	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation	-	4	4	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	-	4	4	e	D	D	D	D	D	D	D	D
321113	Sawmills	-	4	4	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	5	18	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	8	7	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	-	7	6	f	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	35	2	e	D	D	D	D	D	D	D	1 236
3231	Printing and related support activities	2	35	2	e	D	D	D	D	D	D	D	1 236
32311	Printing	3	34	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	8	5	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	-	4	4	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	7	15	6	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	7	11	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	3	9	4	e	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	4	6	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
	MACON-WARNER ROBINS-FORT VALLEY, GA COMBINED STATISTICAL AREA—Con.												
327	Nonmetallic mineral product manufacturing	-	22	7	g	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	1	15	3	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	40	12	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	12	4	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	3	20	7	e	D	D	D	D	D	D	D	D
33271	Machine shops	3	19	6	e	D	D	D	D	D	D	D	D
332710	Machine shops	3	19	6	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	9	3	f	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	9	5	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	25	5	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	21	4	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	28	5	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	11	3	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
339993	Fastener, button, needle, and pin manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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)				
MACON-WARNER ROBINS-FORT VALLEY, GA COMBINED STATISTICAL AREA—Con.													
Fort Valley, GA Micropolitan Statistical Area													
31-33	Manufacturing	-	28	10	2 745	71 454	2 049	3 992	58 112	110 407	265 055	379 664	7 765
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
336	Transportation equipment manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
Macon, GA Metropolitan Statistical Area													
31-33	Manufacturing	-	193	51	9 629	435 354	7 473	14 953	292 804	4 661 845	1 451 232	6 095 398	91 697
311	Food manufacturing	9	21	3	670	28 798	600	1 153	23 907	236 604	69 926	306 107	D
3118	Bakeries and tortilla manufacturing	9	11	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	3	19	7	561	13 808	450	795	9 485	24 646	39 930	65 525	625
3219	Other wood product manufacturing	5	13	3	392	9 083	317	516	6 506	15 355	22 325	38 858	D
322	Paper manufacturing	-	7	6	1 198	54 433	966	2 071	39 462	248 406	240 861	483 083	14 352
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	-	6	5	f	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	25	2	263	7 955	199	401	4 996	19 718	7 728	27 442	1 177
3231	Printing and related support activities	2	25	2	263	7 955	199	401	4 996	19 718	7 728	27 442	1 177
326	Plastics and rubber products manufacturing	7	10	3	330	8 766	293	516	7 117	27 388	57 638	87 486	2 230
3261	Plastics product manufacturing ..	7	6	2	284	7 303	255	440	6 069	24 198	53 858	80 516	2 101
327	Nonmetallic mineral product manufacturing	-	13	4	963	40 537	783	1 630	29 388	112 581	68 887	180 013	10 763
3271	Clay product and refractory manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MACON-WARNER ROBINS-FORT VALLEY, GA COMBINED STATISTICAL AREA—Con.													
Macon, GA Metropolitan Statistical Area—Con.													
332	Fabricated metal product manufacturing	3	30	9	586	21 696	427	894	12 887	37 324	22 301	59 818	2 792
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	2	14	5	e	D	D	D	D	D	D	D	1 429
33271	Machine shops	3	13	4	277	10 415	201	413	6 446	17 826	8 246	25 688	D
332710	Machine shops	3	13	4	277	10 415	201	413	6 446	17 826	8 246	25 688	D
333	Machinery manufacturing	—	7	2	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	17	3	414	8 439	361	806	6 568	26 132	12 263	28 845	2 315
3371	Household and institutional furniture and kitchen cabinet manufacturing	1	14	3	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing	—	3	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	19	3	1 170	42 811	792	1 833	23 341	93 869	44 372	136 645	D
3399	Other miscellaneous manufacturing	—	6	1	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339993	Fastener, button, needle, and pin manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
Warner Robins, GA Metropolitan Statistical Area													
31-33	Manufacturing	—	58	17	2 868	99 856	2 308	4 440	76 523	619 016	292 537	925 028	20 515
311	Food manufacturing	—	4	1	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	7	3	586	27 526	493	1 091	23 406	103 267	72 346	178 770	8 342
3272	Glass and glass product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
327213	Glass container manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
SAVANNAH-HINESVILLE-FORT STEWART, GA COMBINED STATISTICAL AREA													
31-33	Manufacturing	1	'231	79	'15 130	'719 568	'10 935	'23 125	'469 055	'2 503 613	'3 795 288	'6 203 095	'163 178
311	Food manufacturing	6	22	8	1 497	57 602	933	2 074	33 006	137 036	517 833	655 529	11 601
3113	Sugar and confectionery product manufacturing	6	7	3	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
311312	Cane sugar refining	6	2	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	8	3	568	16 269	233	461	5 608	26 523	19 783	46 304	D
31181	Bread and bakery product manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	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)					
SAVANNAH-HINESVILLE-FORT STEWART, GA COMBINED STATISTICAL AREA—Con.														
321	Wood product manufacturing	—	15	5	f	D	D	D	D	D	D	D	D	
3211	Sawmills and wood preservation	—	8	3	e	D	D	D	D	D	D	D	D	
32111	Sawmills and wood preservation	—	8	3	e	D	D	D	D	D	D	D	D	
322	Paper manufacturing	—	6	4	h	D	D	D	D	D	D	D	D	
3221	Pulp, paper, and paperboard mills	—	4	3	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	
32213	Paperboard mills	—	2	1	f	D	D	D	D	D	D	D	D	
322130	Paperboard mills	—	2	1	f	D	D	D	D	D	D	D	D	
324	Petroleum and coal products manufacturing	—	7	4		326	16 663	242	555	11 523	111 280	354 388	466 517	9 046
3241	Petroleum and coal products manufacturing	—	7	4		326	16 663	242	555	11 523	111 280	354 388	466 517	9 046
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	4	2	e	D	D	D	D	D	D	D	D	D
325	Chemical manufacturing	2	24	12	g	D	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing	1	9	5	f	D	D	D	D	D	D	D	D	40 166
32513	Synthetic dye and pigment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	3	2	e	D	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing	—	3	2	e	D	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing	—	3	2	e	D	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	23	10		618	20 237	511	1 073	14 639	67 067	48 545	114 849	D
3273	Cement and concrete product manufacturing	1	16	8	e	D	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	30	9	f	D	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	13	2	e	D	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	16	8		706	27 857	460	998	17 260	50 238	77 461	128 930	3 761
3332	Industrial machinery manufacturing	—	6	3		364	14 389	241	508	8 613	18 513	39 455	56 551	D
33329	Other industrial machinery manufacturing	—	6	3		364	14 389	241	508	8 613	18 513	39 455	56 551	D
336	Transportation equipment manufacturing	—	12	5	i	D	D	D	D	D	D	D	D	14 920
3362	Motor vehicle body and trailer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing	—	1	1	e	D	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	3	2	h	D	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	3	2	h	D	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	h	D	D	D	D	D	D	D	D	D
3366	Ship and boat building	5	5	2	f	D	D	D	D	D	D	D	D	D
33661	Ship and boat building	5	5	2	f	D	D	D	D	D	D	D	D	D
336612	Boat building	5	4	2	f	D	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	18	3	e	D	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	9	1		300	18 647	73	161	2 195	27 871	10 388	31 714	D
33911	Medical equipment and supplies manufacturing	—	9	1		300	18 647	73	161	2 195	27 871	10 388	31 714	D
339114	Dental equipment and supplies manufacturing	—	2	1	e	D	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SAVANNAH-HINESVILLE-FORT STEWART, GA COMBINED STATISTICAL AREA—Con.													
Hinesville-Fort Stewart, GA Metropolitan Statistical Area													
31-33	Manufacturing	—	17	6	724	24 146	409	873	13 488	159 347	213 563	367 897	15 352
325	Chemical manufacturing	—	4	3	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	—	2	2	e	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	—	2	2	e	D	D	D	D	D	D	D	D
Savannah, GA Metropolitan Statistical Area													
31-33	Manufacturing	1	'214	73	'14 406	'695 422	'10 526	'22 252	'455 567	'2 344 266	'3 581 725	'5 835 198	'147 826
311	Food manufacturing	6	22	8	1 497	57 602	933	2 074	33 006	137 036	517 833	655 529	11 601
3113	Sugar and confectionery product manufacturing	6	7	3	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
311312	Cane sugar refining	6	2	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	8	3	568	16 269	233	461	5 608	26 523	19 783	46 304	D
31181	Bread and bakery product manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	3	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	14	5	543	17 670	458	1 018	13 323	34 037	98 172	132 362	1 434
3211	Sawmills and wood preservation .	—	7	3	266	9 317	213	502	6 984	19 935	52 813	73 922	1 112
32111	Sawmills and wood preservation	—	7	3	266	9 317	213	502	6 984	19 935	52 813	73 922	1 112
322	Paper manufacturing	—	4	3	2 469	146 006	2 151	4 560	122 648	626 780	357 094	935 614	51 747
3221	Pulp, paper, and paperboard mills	—	3	3	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
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
324	Petroleum and coal products manufacturing	—	7	4	326	16 663	242	555	11 523	111 280	354 388	466 517	9 046
3241	Petroleum and coal products manufacturing	—	7	4	326	16 663	242	555	11 523	111 280	354 388	466 517	9 046
32412	Asphalt paving, roofing, and saturated materials manufacturing	—	4	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	3	20	9	1 345	64 370	939	1 931	41 221	261 910	345 912	595 422	46 278
3251	Basic chemical manufacturing ...	1	8	5	893	44 625	586	1 260	27 835	171 759	221 255	377 620	40 166
32513	Synthetic dye and pigment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	20	9	546	18 031	457	946	13 097	62 279	45 625	107 112	3 607
3273	Cement and concrete product manufacturing	—	14	8	439	13 301	367	750	9 456	29 350	27 340	55 976	3 047
332	Fabricated metal product manufacturing	—	28	9	f	D	D	D	D	D	D	D	2 718
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing	—	11	2	287	10 837	225	447	7 479	22 303	6 084	28 337	1 838
333	Machinery manufacturing	3	'16	8	'706	'27 857	'460	'998	'17 260	'50 238	'77 461	'128 930	'3 761
3332	Industrial machinery manufacturing	—	'6	3	'364	'14 389	'241	'508	'8 613	'18 513	'39 455	'56 551	D
33329	Other industrial machinery manufacturing	—	'6	3	'364	'14 389	'241	'508	'8 613	'18 513	'39 455	'56 551	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)				
SAVANNAH-HINESVILLE-FORT STEWART, GA COMBINED STATISTICAL AREA—Con.													
Savannah, GA Metropolitan Statistical Area—Con.													
336	Transportation equipment manufacturing	—	12	5	i	D	D	D	D	D	D	D	14 920
3362	Motor vehicle body and trailer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
336212	Truck trailer manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	3	2	h	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	3	2	h	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
3366	Ship and boat building	5	5	2	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	5	5	2	f	D	D	D	D	D	D	D	D
336612	Boat building	5	4	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	17	2	392	20 638	147	239	3 257	31 633	13 174	38 276	937
3391	Medical equipment and supplies manufacturing	—	9	1	300	18 647	73	161	2 195	27 871	10 388	31 714	D
33911	Medical equipment and supplies manufacturing	—	9	1	300	18 647	73	161	2 195	27 871	10 388	31 714	D
339114	Dental equipment and supplies manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
ALBANY, GA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	104	36	8 233	351 575	6 570	13 271	258 603	2 739 009	1 837 442	4 614 949	213 372
311	Food manufacturing	1	13	6	1 293	43 272	1 058	2 201	31 999	353 601	290 911	646 097	4 835
3113	Sugar and confectionery product manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	3	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	3	1	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	5	3	607	28 048	461	930	20 473	202 701	239 669	443 328	3 782
31191	Snack food manufacturing	—	5	3	607	28 048	461	930	20 473	202 701	239 669	443 328	3 782
311911	Roasted nuts and peanut butter manufacturing	—	5	3	607	28 048	461	930	20 473	202 701	239 669	443 328	3 782
312	Beverage and tobacco product manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
31212	Breweries	9	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	9	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	—	2	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
3133	Textile and fabric finishing and fabric coating mills	—	1	1	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	1	1	e	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	8	4	304	9 532	237	485	6 277	15 463	37 855	54 535	464
322	Paper manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	—	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.

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
ALBANY, GA METROPOLITAN STATISTICAL AREA—Con.														
325	Chemical manufacturing	-	3	1	f	D	D	D	D	D	D	D	D	
3254	Pharmaceutical and medicine manufacturing	-	2	1	f	D	D	D	D	D	D	D	D	
32541	Pharmaceutical and medicine manufacturing	-	2	1	f	D	D	D	D	D	D	D	D	
325411	Medicinal and botanical manufacturing	-	1	1	f	D	D	D	D	D	D	D	D	
326	Plastics and rubber products manufacturing	-	4	3	g	D	D	D	D	D	D	D	D	
3262	Rubber product manufacturing	-	2	2	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	
AMERICUS, GA MICROPOLITAN STATISTICAL AREA														
31-33	Manufacturing	-	43	21		2 998	83 972	2 400	5 032	56 045	395 095	273 332	668 766	9 602
321	Wood product manufacturing	-	7	4		366	9 330	317	692	6 798	21 069	27 459	48 263	544
3219	Other wood product manufacturing	-	7	4		366	9 330	317	692	6 798	21 069	27 459	48 263	544
335	Electrical equipment, appliance, and component manufacturing	-	3	2	f	D	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	3	2	f	D	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	-	3	2	f	D	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	-	2	2	f	D	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	3	3		805	28 810	590	1 365	17 171	84 012	53 834	138 185	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	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	D
336399	All other motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D	D
ATHENS-CLARKE COUNTY, GA METROPOLITAN STATISTICAL AREA														
31-33	Manufacturing	-	161	50		8 424	268 967	6 733	13 420	187 703	734 492	823 777	1 563 137	51 386
311	Food manufacturing	-	10	4		2 333	45 839	2 065	3 796	35 875	107 082	206 346	313 605	3 403
3116	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D	D
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	7	3	e	D	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	7	3	e	D	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	11	2		363	11 175	318	685	9 139	32 205	28 834	61 400	1 042
3212	Veneer, plywood, and engineered wood product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D	D
321213	Engineered wood member (except truss) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	8	5		938	39 221	704	1 501	25 297	114 026	69 683	183 492	25 177
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3		585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
32522	Artificial and synthetic fibers and filaments manufacturing	-	3	3		585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
325222	Noncellulosic organic fiber manufacturing	-	3	3		585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
3254	Pharmaceutical and medicine manufacturing	-	4	2	e	D	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	-	4	2	e	D	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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)				
ATHENS-CLARKE COUNTY, GA METROPOLITAN STATISTICAL AREA—Con.													
327	Nonmetallic mineral product manufacturing	-	13	5	451	25 603	354	820	20 247	38 244	76 325	116 924	2 329
3279	Other nonmetallic mineral product manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	-	5	2	e	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	29	8	882	30 406	660	1 352	20 676	79 280	87 114	167 627	5 447
333	Machinery manufacturing	-	11	5	563	25 259	382	838	13 857	78 744	55 937	133 092	3 795
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	3	1 215	43 774	993	2 207	32 564	132 941	185 168	325 208	4 942
3353	Electrical equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	1	17	3	387	9 807	297	465	5 986	40 114	17 164	57 413	326
3379	Other furniture related product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33792	Blind and shade manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337920	Blind and shade manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	370	144	37 423	1 720 088	23 811	48 381	877 812	5 456 347	4 974 160	10 517 225	352 714
311	Food manufacturing	1	21	9	1 984	76 162	1 408	2 345	54 915	136 858	386 385	529 936	40 228
3116	Animal slaughtering and processing	-	7	4	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	7	4	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	5	2	f	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	2	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	6	6	3	742	23 535	627	797	13 516	54 321	42 871	97 102	D
31182	Cookie, cracker, and pasta manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	-	2	2	e	D	D	D	D	D	D	D	D

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)				
AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA—Con.													
313	Textile mills	—	20	16	4 312	116 470	3 936	8 394	99 977	184 117	696 439	904 534	D
3131	Fiber, yarn, and thread mills	—	5	5	1 227	36 574	1 128	2 802	32 061	61 661	287 226	356 632	D
31311	Fiber, yarn, and thread mills	—	5	5	1 227	36 574	1 128	2 802	32 061	61 661	287 226	356 632	D
313111	Yarn spinning mills	—	3	3	e	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	—	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills	1	7	6	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	4	4	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	4	4	g	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills	4	3	2	390	9 911	322	602	6 343	29 927	42 149	68 399	D
313230	Nonwoven fabric mills	4	3	2	390	9 911	322	602	6 343	29 927	42 149	68 399	D
3133	Textile and fabric finishing and fabric coating mills	—	8	5	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	—	8	5	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	—	6	4	g	D	D	D	D	D	D	D	D
314	Textile product mills	—	10	2	815	16 452	634	1 105	8 753	36 934	40 946	81 067	D
3141	Textile furnishings mills	—	7	2	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills	—	7	2	f	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills	—	5	1	e	D	D	D	D	D	D	D	D
314129	Other household textile product mills	—	2	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	21	9	627	19 784	489	1 036	14 094	47 898	85 217	133 839	2 663
322	Paper manufacturing	—	8	7	2 746	155 161	2 248	4 604	119 086	1 028 542	721 016	1 766 353	53 359
3221	Pulp, paper, and paperboard mills	—	4	4	2 474	144 459	2 028	4 115	111 402	998 629	669 792	1 685 385	52 167
32212	Paper mills	—	3	3	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills	—	2	2	g	D	D	D	D	D	D	D	D
322122	Newsprint mills	—	1	1	e	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	—	4	3	272	10 702	220	489	7 684	29 913	51 224	80 968	1 192
323	Printing and related support activities	9	35	6	1 227	35 324	1 077	2 088	26 779	118 375	24 765	143 838	3 186
3231	Printing and related support activities	9	35	6	1 227	35 324	1 077	2 088	26 779	118 375	24 765	143 838	3 186
32311	Printing	9	35	6	1 227	35 324	1 077	2 088	26 779	118 375	24 765	143 838	3 186
323111	Commercial gravure printing	9	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	36	22	12 336	816 365	4 686	10 259	256 988	2 201 108	1 024 110	3 252 406	77 632
3251	Basic chemical manufacturing	—	21	12	11 082	744 773	3 825	8 345	210 066	1 339 664	433 715	1 782 953	D
32518	Other basic inorganic chemical manufacturing	—	10	6	10 037	685 436	3 232	6 977	176 708	1 102 330	114 411	1 216 364	D
325188	All other basic inorganic chemical manufacturing	—	9	5	i	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	6	5	f	D	D	D	D	D	D	D	15 782
325199	All other basic organic chemical manufacturing	—	6	5	f	D	D	D	D	D	D	D	15 782
3254	Pharmaceutical and medicine manufacturing	7	3	2	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	7	3	2	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing	7	2	2	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	—	2	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
	AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA—Con.												
326	Plastics and rubber products manufacturing	—	18	8	2 051	101 961	1 688	3 516	78 979	237 353	282 440	519 389	23 400
3261	Plastics product manufacturing ..	1	14	7	f	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing	—	2	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	3	9	4	429	11 906	310	586	6 313	28 972	18 352	46 844	3 835
326199	All other plastics product manufacturing	3	9	4	429	11 906	310	586	6 313	28 972	18 352	46 844	3 835
3262	Rubber product manufacturing ...	—	4	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	3	29	7	1 317	45 967	924	1 973	27 758	199 209	86 540	285 537	36 601
3271	Clay product and refractory manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	—	3	2	f	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
327125	Nonclay refractory manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing	—	18	2	274	9 956	198	409	6 420	24 930	22 624	47 497	D
332	Fabricated metal product manufacturing	2	51	20	1 999	60 075	1 617	3 310	41 148	179 985	148 192	317 800	10 886
3324	Boiler, tank, and shipping container manufacturing	1	5	4	367	14 643	287	627	10 380	39 895	21 443	61 571	D
33241	Power boiler and heat exchanger manufacturing	—	3	3	e	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing ..	—	3	3	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	2	10	4	550	14 380	465	922	9 450	66 948	51 286	119 463	3 348
33291	Metal valve manufacturing	—	2	1	e	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	14	8	1 371	54 707	812	1 738	26 355	318 140	631 169	952 635	7 657
3331	Agriculture, construction, and mining machinery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing	—	4	1	e	D	D	D	D	D	D	D	D
333515	Cutting tool and machine tool accessory manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	—	6	5	e	D	D	D	D	D	D	D	999
33391	Pump and compressor manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	8	6	891	25 465	706	1 331	16 211	97 256	84 163	187 923	D
3353	Electrical equipment manufacturing	3	2	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	3	2	2	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing	—	1	1	e	D	D	D	D	D	D	D	D

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)				
AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	-	22	9	3 551	133 178	1 958	4 032	70 109	490 280	552 195	1 048 319	15 854
3363	Motor vehicle parts manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	-	5	3	h	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	-	5	3	h	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	-	3	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	2	25	7	288	7 921	221	435	4 802	17 885	15 706	33 237	808
339	Miscellaneous manufacturing	-	39	2	683	29 240	535	1 170	20 965	90 604	118 232	209 045	2 918
3391	Medical equipment and supplies manufacturing	-	15	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	15	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
BAINBRIDGE, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	24	10	2 068	65 928	1 613	3 437	44 020	220 956	352 622	569 124	11 200
311	Food manufacturing	6	4	3	256	6 827	151	329	3 481	11 651	64 235	75 857	953
313	Textile mills	-	1	1	e	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
321	Wood product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	2	2	e	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
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

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)				
BRUNSWICK, GA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	90	18	3 278	141 824	2 278	4 261	92 294	421 300	558 098	968 682	37 629
311	Food manufacturing	-	14	2	962	28 513	590	788	14 309	49 466	188 080	237 419	D
3117	Seafood product preparation and packaging	-	7	2	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	7	2	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	6	2	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
32211	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	3	2	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
325191	Gum and wood chemical manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	8	3	322	10 722	283	625	9 510	32 624	42 332	75 678	4 256
333	Machinery manufacturing	-	8	5	287	11 080	187	372	7 419	19 336	30 855	50 621	1 110
CALHOUN, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	2	109	59	8 346	255 693	6 687	13 943	173 506	932 129	2 537 212	3 823 821	38 612
313	Textile mills	5	16	11	2 028	52 097	1 855	3 891	44 746	152 429	258 876	416 740	6 837
3131	Fiber, yarn, and thread mills	4	10	7	1 385	38 940	1 294	2 816	34 717	87 863	208 083	299 092	4 124
31311	Fiber, yarn, and thread mills ...	4	10	7	1 385	38 940	1 294	2 816	34 717	87 863	208 083	299 092	4 124
313111	Yarn spinning mills	1	5	3	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	6	4	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills	9	1	1	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	9	1	1	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	9	1	1	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	5	3	e	D	D	D	D	D	D	D	2 713
31331	Textile and fabric finishing mills	-	4	3	e	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	-	4	3	e	D	D	D	D	D	D	D	D
314	Textile product mills	1	28	20	4 080	125 723	3 120	6 686	77 842	490 724	1 809 737	2 647 702	10 864
3141	Textile furnishings mills	1	21	17	h	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	1	19	15	3 590	113 371	2 702	5 807	69 397	460 508	1 782 326	2 591 191	D
314110	Carpet and rug mills	1	19	15	3 590	113 371	2 702	5 807	69 397	460 508	1 782 326	2 591 191	D
3149	Other textile product mills	-	7	3	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	-	6	3	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	-	6	3	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	13	5	414	16 656	309	668	10 490	80 344	121 873	200 053	3 438
326	Plastics and rubber products manufacturing	-	15	11	761	24 283	632	1 335	16 819	92 757	80 287	172 885	11 463
3261	Plastics product manufacturing ..	-	8	6	335	11 067	277	572	7 794	56 443	38 635	95 003	3 052
3262	Rubber product manufacturing ...	-	7	5	426	13 216	355	763	9 025	36 314	41 652	77 882	8 411
32629	Other rubber product manufacturing	-	7	5	426	13 216	355	763	9 025	36 314	41 652	77 882	8 411
326299	All other rubber product manufacturing	-	7	5	426	13 216	355	763	9 025	36 314	41 652	77 882	8 411
333	Machinery manufacturing	9	6	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	9	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)				
CORDELE, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	26	14	2 235	56 467	1 837	3 595	39 686	145 019	172 067	317 675	9 553
321	Wood product manufacturing	-	5	3	492	12 151	428	730	8 714	34 445	65 227	101 521	662
3219	Other wood product manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
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
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
CORNELIA, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	67	20	4 294	115 146	3 606	7 244	84 277	270 093	403 015	671 475	13 673
311	Food manufacturing	-	6	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills	2	5	4	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	3	2	f	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
332	Fabricated metal product manufacturing	1	7	3	282	8 031	208	292	4 976	14 628	8 064	22 708	1 167
3323	Architectural and structural metals manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	5	4	900	28 439	627	1 285	16 881	94 503	40 815	133 837	3 080
3391	Medical equipment and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	7	4	3	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	7	2	2	e	D	D	D	D	D	D	D	D
DALTON, GA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	448	170	27 860	820 337	23 615	50 197	619 072	2 864 437	4 800 164	7 847 376	85 616
311	Food manufacturing	-	10	1	e	D	D	D	D	D	D	D	898
3116	Animal slaughtering and processing	-	2	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	2	1	e	D	D	D	D	D	D	D	D
311615	Poultry processing	-	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills	3	36	18	3 900	106 587	3 563	7 951	89 917	296 546	501 836	827 662	9 509
3131	Fiber, yarn, and thread mills	2	19	11	3 439	93 141	3 177	7 158	80 157	258 212	451 152	737 656	8 278
31311	Fiber, yarn, and thread mills	2	19	11	3 439	93 141	3 177	7 158	80 157	258 212	451 152	737 656	8 278
313111	Yarn spinning mills	6	10	5	g	D	D	D	D	D	D	D	1 855
313112	Yarn texturizing, throwing, and twisting mills	-	9	6	g	D	D	D	D	D	D	D	6 423
3133	Textile and fabric finishing and fabric coating mills	6	11	5	299	8 359	249	545	5 971	15 337	21 300	37 569	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)				
DALTON, GA METROPOLITAN STATISTICAL AREA—Con.													
314	Textile product mills	3	171	74	18 323	530 307	15 708	33 454	410 179	1 984 981	3 541 579	5 687 191	36 036
3141	Textile furnishings mills	3	'145	'60	'16 573	'486 927	'14 222	'30 251	'375 354	'1 900 189	'3 426 942	'5 500 569	'31 909
31411	Carpet and rug mills	3	'141	'57	'16 389	'483 169	'14 045	'29 901	'371 909	'1 887 638	'3 415 255	'5 476 441	'31 811
314110	Carpet and rug mills	3	'141	'57	'16 389	'483 169	'14 045	'29 901	'371 909	'1 887 638	'3 415 255	'5 476 441	'31 811
3149	Other textile product mills	2	'26	'14	'1 750	'43 380	'1 486	'3 203	'34 825	'84 792	'114 637	'186 622	'4 127
31499	All other textile product mills ...	2	'26	'14	'1 750	'43 380	'1 486	'3 203	'34 825	'84 792	'114 637	'186 622	'4 127
314999	All other miscellaneous textile product mills	2	'26	'14	'1 750	'43 380	'1 486	'3 203	'34 825	'84 792	'114 637	'186 622	'4 127
323	Printing and related support activities	4	47	20	1 239	37 480	955	1 924	23 485	79 200	46 306	121 673	7 067
3231	Printing and related support activities	4	47	20	1 239	37 480	955	1 924	23 485	79 200	46 306	121 673	7 067
32311	Printing	5	25	10	544	19 596	379	800	11 247	44 889	30 095	71 593	3 314
323110	Commercial lithographic printing	7	9	6	279	11 962	201	413	6 898	24 405	16 491	40 919	2 720
32312	Support activities for printing ...	1	22	10	695	17 884	576	1 124	12 238	34 311	16 211	50 080	3 753
323121	Tradebinding and related work	1	21	10	f	D	D	D	D	D	D	D	3 753
325	Chemical manufacturing	1	29	16	1 206	47 465	916	1 949	31 059	222 957	268 894	493 206	17 141
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	5	4	719	28 837	607	1 316	21 596	158 601	187 457	349 519	6 439
32522	Artificial and synthetic fibers and filaments manufacturing ..	3	2	2	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing	1	8	6	253	7 425	166	332	3 752	29 884	41 634	70 917	983
326	Plastics and rubber products manufacturing	—	16	10	589	21 232	474	1 042	14 892	72 740	156 051	227 487	6 290
3261	Plastics product manufacturing ..	—	10	7	373	13 386	311	687	10 263	41 958	60 057	100 556	3 846
332	Fabricated metal product manufacturing	2	26	3	251	8 172	205	409	5 821	20 110	7 143	26 807	570
333	Machinery manufacturing	3	41	7	581	21 891	419	812	13 198	38 454	40 444	79 125	3 240
3332	Industrial machinery manufacturing	3	29	7	520	19 324	374	720	11 550	33 187	36 668	70 086	3 077
33329	Other industrial machinery manufacturing	3	29	7	520	19 324	374	720	11 550	33 187	36 668	70 086	3 077
333292	Textile machinery manufacturing	2	28	6	e	D	D	D	D	D	D	D	D
DOUGLAS, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	57	26	5 658	143 535	4 857	9 591	109 865	356 424	531 087	876 141	27 750
311	Food manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	3	2	g	D	D	D	D	D	D	D	D
313	Textile mills	—	3	3	457	12 664	423	898	10 937	29 576	55 421	85 242	D
3131	Fiber, yarn, and thread mills	—	2	2	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills	—	3	1	e	D	D	D	D	D	D	D	D
3149	Other textile product mills	—	2	1	e	D	D	D	D	D	D	D	D
31491	Textile bag and canvas mills ...	—	2	1	e	D	D	D	D	D	D	D	D
314911	Textile bag mills	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	10	7	873	23 962	722	1 297	17 064	63 156	74 557	137 316	835
3219	Other wood product manufacturing	—	8	5	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	5	9	4	429	11 987	347	757	8 766	40 340	54 715	97 465	1 960
3323	Architectural and structural metals manufacturing	5	4	3	373	10 208	300	648	7 388	34 224	51 571	86 165	1 872

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)				
DOUGLAS, GA MICROPOLITAN STATISTICAL AREA—Con.													
333	Machinery manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	4	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
DUBLIN, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	57	22	4 342	136 870	3 571	6 986	100 435	509 792	485 049	1 052 305	31 508
313	Textile mills	1	2	2	e	D	D	D	D	D	D	D	D
3132	Fabric mills	1	2	2	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	1	2	2	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	1	2	2	e	D	D	D	D	D	D	D	D
314	Textile product mills	9	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	1	1	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	1	1	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	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
32212	Paper mills	-	1	1	e	D	D	D	D	D	D	D	D
322122	Newsprint mills	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	11	4	573	17 069	501	973	13 935	62 037	47 220	109 812	D
3323	Architectural and structural metals manufacturing	-	5	4	537	15 878	472	918	13 076	58 721	43 882	103 156	D
33232	Ornamental and architectural metal products manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	11	4	991	24 551	810	1 500	16 862	81 925	56 825	137 864	4 246
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	11	4	991	24 551	810	1 500	16 862	81 925	56 825	137 864	4 246
33712	Household and institutional furniture manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture 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.]

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FITZGERALD, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	35	25	3 611	104 168	2 984	5 905	77 845	215 206	398 253	615 428	10 803
313	Textile mills	2	2	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	2	2	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	2	2	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	1	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	9	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	5	6	5	819	23 818	683	1 371	16 185	49 749	67 878	116 605	1 372
3219	Other wood product manufacturing	4	4	4	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	6	2	2	e	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	6	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
33591	Battery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	4	4	583	17 453	463	884	13 367	34 046	96 469	131 739	D
3362	Motor vehicle body and trailer manufacturing	1	4	4	583	17 453	463	884	13 367	34 046	96 469	131 739	D
33621	Motor vehicle body and trailer manufacturing	1	4	4	583	17 453	463	884	13 367	34 046	96 469	131 739	D
336214	Travel trailer and camper manufacturing	3	3	3	e	D	D	D	D	D	D	D	D
JESUP, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	25	11	1 662	73 220	1 312	2 917	54 091	278 291	203 427	477 467	D
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
32211	Pulp mills	—	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	—	1	1	f	D	D	D	D	D	D	D	D
MILLEDGEVILLE, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	—	23	8	2 799	85 522	2 524	4 746	74 104	171 153	388 595	555 667	22 653
313	Textile mills	1	3	3	735	17 079	686	1 571	14 459	48 967	143 536	193 958	D
3131	Fiber, yarn, and thread mills	—	2	2	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	2	2	e	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	—	2	2	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	2	1	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	1	1	g	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	g	D	D	D	D	D	D	D	D
336	Transportation equipment 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
336413	Other aircraft parts and auxiliary 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.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MOULTRIE, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	56	17	2 051	48 252	1 764	3 523	36 890	103 889	217 276	321 706	6 930
311	Food manufacturing	-	3	1	e	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	3	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	3	1	e	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses	-	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	6	5	553	9 421	502	997	7 504	16 848	11 502	29 028	D
3152	Cut and sew apparel manufacturing	1	6	5	553	9 421	502	997	7 504	16 848	11 502	29 028	D
31522	Men's and boys' cut and sew apparel manufacturing	1	4	4	f	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	11	4	525	14 090	441	867	9 883	25 850	64 429	93 051	2 606
3219	Other wood product manufacturing	-	6	2	e	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
ROME, GA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	119	47	7 553	250 323	6 285	13 114	186 616	735 657	1 041 579	1 787 806	64 931
311	Food manufacturing	-	6	3	1 263	33 715	953	1 890	20 627	106 664	105 014	211 741	3 002
3113	Sugar and confectionery product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
31134	Nonchocolate confectionery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311340	Nonchocolate confectionery 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	-	2	1	f	D	D	D	D	D	D	D	D
313	Textile mills	2	6	3	1 083	23 487	1 018	2 160	20 643	53 288	76 980	132 354	D
3131	Fiber, yarn, and thread mills	4	3	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	4	3	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	4	3	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills	-	3	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	3	8	4	800	21 932	702	1 564	17 386	48 739	107 708	165 495	D
3141	Textile furnishings mills	3	7	4	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	3	5	4	788	21 645	691	1 543	17 188	48 043	106 856	163 947	D
314110	Carpet and rug mills	3	5	4	788	21 645	691	1 543	17 188	48 043	106 856	163 947	D
321	Wood product manufacturing	1	7	3	256	8 688	215	503	6 954	18 402	38 412	56 696	1 480
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
327	Nonmetallic mineral product manufacturing	-	11	3	283	9 754	239	479	7 447	27 137	18 019	42 706	486
331	Primary metal manufacturing	-	6	5	576	21 374	459	1 029	15 127	64 188	103 767	168 588	2 728
332	Fabricated metal product manufacturing	-	17	8	791	30 631	649	1 346	22 960	114 183	177 846	297 031	4 320
3329	Other fabricated metal product manufacturing	-	6	3	319	11 372	270	551	8 121	28 845	16 920	43 866	1 473
33299	All other fabricated metal product manufacturing	-	6	3	319	11 372	270	551	8 121	28 845	16 920	43 866	1 473
332999	All other miscellaneous fabricated metal product manufacturing	-	5	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	1	e	D	D	D	D	D	D	D	D

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)				
ROME, GA METROPOLITAN STATISTICAL AREA—Con.													
336	Transportation equipment manufacturing	-	3	3	262	9 081	197	411	6 104	17 706	87 918	104 576	D
337	Furniture and related product manufacturing	-	13	4	488	12 972	400	746	8 808	33 998	48 884	83 104	513
ST. MARYS, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	18	8	1 304	53 960	1 032	1 811	38 337	192 728	200 994	404 218	D
322	Paper manufacturing	-	4	3	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
STATESBORO, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	51	13	2 348	68 997	1 881	3 439	47 530	182 838	305 394	481 804	18 499
327	Nonmetallic mineral product manufacturing	-	4	1	347	10 951	288	676	7 338	33 590	18 847	52 697	D
3272	Glass and glass product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass ..	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SUMMERVILLE, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	6	22	9	3 869	104 941	3 360	7 221	84 221	320 027	361 563	714 938	21 552
313	Textile mills	-	2	2	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	1	1	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ..	-	1	1	g	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	1	1	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	1	1	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	1	1	e	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills	-	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills	9	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	2	1	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	2	1	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	2	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	9	1	1	e	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies 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.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
THOMASVILLE, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	59	24	3 499	97 133	2 662	5 391	63 451	239 922	362 532	604 198	18 191
311	Food manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries	-	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	2	9	4	558	12 850	457	883	9 048	24 205	54 095	78 242	1 753
3211	Sawmills and wood preservation	-	4	2	268	6 543	226	433	4 968	12 592	35 932	48 621	D
32111	Sawmills and wood preservation	-	4	2	268	6 543	226	433	4 968	12 592	35 932	48 621	D
321113	Sawmills	-	4	2	268	6 543	226	433	4 968	12 592	35 932	48 621	D
3219	Other wood product manufacturing	6	5	2	290	6 307	231	450	4 080	11 613	18 163	29 621	D
332	Fabricated metal product manufacturing	1	11	5	721	25 636	542	1 064	16 217	83 056	68 680	152 816	1 235
3324	Boiler, tank, and shipping container manufacturing	2	3	3	575	21 494	425	894	13 277	72 776	54 102	127 957	856
33241	Power boiler and heat exchanger manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
332410	Power boiler and heat exchanger manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	2	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	4	3	2	e	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	3	2	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	4	2	2	e	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
TIFTON, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	57	22	3 461	96 383	2 713	5 652	66 316	271 607	413 307	690 425	7 134
313	Textile mills	-	4	3	f	D	D	D	D	D	D	D	308
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	-	3	3	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing	1	2	2	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
322224	Uncoated paper and multiwall bag manufacturing	-	1	1	e	D	D	D	D	D	D	D	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
TIFTON, GA MICROPOLITAN STATISTICAL AREA—Con.													
331	Primary metal manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing	-	1	1	e	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	e	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	6	4	595	18 333	483	1 112	11 990	52 013	64 117	116 433	589
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	9	2	1	e	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing	9	1	1	e	D	D	D	D	D	D	D	D
TOCCOA, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	1	57	24	2 944	85 788	2 319	4 690	55 860	238 648	277 070	514 148	14 916
313	Textile mills	-	4	4	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	2	2	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	2	2	e	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	2	2	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	1	1	e	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	1	1	e	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	10	4	572	18 562	458	985	12 745	40 799	27 322	68 647	2 262
333	Machinery manufacturing	-	5	3	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	4	3	e	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
333911	Pump and pumping equipment manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	14	6	565	14 485	459	900	9 566	47 444	40 674	86 103	5 225
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	11	5	384	10 705	307	586	6 689	37 447	28 839	66 282	D
33712	Household and institutional furniture manufacturing	2	10	4	e	D	D	D	D	D	D	D	319

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)				
VALDOSTA, GA METROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	-	121	48	5 210	160 833	3 969	7 816	109 304	569 391	983 759	1 609 845	58 635
311	Food manufacturing	-	14	9	765	25 008	538	1 045	17 450	223 810	436 483	660 799	9 142
3118	Bakeries and tortilla manufacturing	-	2	1	e	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills	-	3	3	e	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
313112	Yarn texturizing, throwing, and twisting mills	-	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	10	5	f	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation ..	-	2	1	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation	-	2	1	e	D	D	D	D	D	D	D	D
321113	Sawmills	-	2	1	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing	-	4	2	e	D	D	D	D	D	D	D	D
321213	Engineered wood member (except truss) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	7	5	721	31 670	588	1 272	23 351	119 731	110 472	229 805	17 372
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
3222	Converted paper product manufacturing	3	6	4	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	4	3	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	8	6	1 115	26 672	962	1 523	19 978	46 376	85 055	131 353	8 901
3261	Plastics product manufacturing ..	1	7	6	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	4	4	588	13 160	520	820	9 611	22 274	40 266	63 027	D
326191	Plastics plumbing fixture manufacturing	3	2	2	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	2	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	2	2	e	D	D	D	D	D	D	D	D
33591	Battery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
335911	Storage battery manufacturing	-	1	1	e	D	D	D	D	D	D	D	D
WAYCROSS, GA MICROPOLITAN STATISTICAL AREA													
31-33	Manufacturing	3	50	20	1 891	49 332	1 429	2 442	28 005	123 627	116 161	240 270	6 586
321	Wood product manufacturing	3	6	5	827	22 087	628	1 055	11 514	48 402	60 506	109 600	4 441
3219	Other wood product manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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)				
APPLING													
31-33	Manufacturing	-	25	10	733	23 366	573	1 245	15 145	104 612	226 615	333 136	2 157
ATKINSON													
31-33	Manufacturing	-	14	6	975	25 831	838	1 516	20 107	73 648	65 195	133 232	739
321	Wood product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
BACON													
31-33	Manufacturing	1	12	3	501	14 259	413	815	9 727	38 312	62 725	100 669	D
BALDWIN													
31-33	Manufacturing	-	20	8	h	D	D	D	D	D	D	D	D
313	Textile mills	1	3	3	735	17 079	686	1 571	14 459	48 967	143 536	193 958	D
333	Machinery manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	g	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	g	D	D	D	D	D	D	D	D
BARROW													
31-33	Manufacturing	-	58	18	2 134	62 455	1 627	3 145	45 666	173 816	281 443	455 930	29 652
311	Food manufacturing	-	4	2	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	-	1	1	f	D	D	D	D	D	D	D	D
BARTOW													
31-33	Manufacturing	-	119	54	8 252	307 798	6 529	13 776	212 776	1 421 853	1 404 062	2 837 158	64 398
312	Beverage and tobacco product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31212	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	6	7	5	742	18 596	671	1 398	14 904	38 354	79 447	118 780	993
314	Textile product mills	-	15	7	1 415	46 437	1 218	2 719	36 430	179 689	247 166	426 337	D
3141	Textile furnishings mills	1	12	5	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	1	11	5	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	1	11	5	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	11	6	1 060	53 632	638	1 338	28 424	263 109	208 143	486 013	5 008
3256	Soap, cleaning compound, and toilet preparation manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
325611	Soap and other detergent manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	11	10	1 281	42 980	1 122	2 487	34 419	144 274	144 716	282 655	8 945
3261	Plastics product manufacturing	-	10	9	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	4	3	574	23 785	486	1 105	18 624	109 905	80 365	184 557	D
332	Fabricated metal product manufacturing	-	16	8	744	24 379	640	1 324	19 034	70 478	88 618	159 848	2 550
336	Transportation equipment manufacturing	1	4	2	f	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)
BEN HILL													
31-33	Manufacturing	3	30	20	3 254	96 639	2 739	5 529	73 819	204 828	373 120	576 707	D
313	Textile mills	2	2	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	2	2	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	2	2	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	5	6	5	819	23 818	683	1 371	16 185	49 749	67 878	116 605	1 372
3219	Other wood product manufacturing	4	4	4	f	D	D	D	D	D	D	D	D
BERRIEN													
31-33	Manufacturing	-	19	6	1 749	44 859	1 455	2 769	31 003	79 060	147 524	229 253	4 875
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
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	-	1	1	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	-	1	1	f	D	D	D	D	D	D	D	D
336612	Boat building	-	1	1	f	D	D	D	D	D	D	D	D
BIBB													
31-33	Manufacturing	-	156	43	i	D	D	D	D	D	D	D	89 830
311	Food manufacturing	9	20	3	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	11	2	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	7	6	1 198	54 433	966	2 071	39 462	248 406	240 861	483 083	14 352
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	-	6	5	f	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	27	9	f	D	D	D	D	D	D	D	2 766
339	Miscellaneous manufacturing	-	18	3	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	-	6	1	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339993	Fastener, button, needle, and pin manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BLECKLEY													
31-33	Manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
BROOKS													
31-33	Manufacturing	3	13	7	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)				
BULLOCH													
31-33	Manufacturing	1	51	13	2 348	68 997	1 881	3 439	47 530	182 838	305 394	481 804	18 499
333	Machinery manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BURKE													
31-33	Manufacturing	1	15	7	1 000	26 346	829	1 716	17 773	80 759	85 234	150 055	D
332	Fabricated metal product manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BUTTS													
31-33	Manufacturing	-	15	8	1 079	28 815	960	1 598	24 183	160 834	123 800	285 130	942
CAMDEN													
31-33	Manufacturing	-	18	8	1 304	53 960	1 032	1 811	38 337	192 728	200 994	404 218	D
322	Paper manufacturing	-	4	3	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
CARROLL													
31-33	Manufacturing	-	123	54	6 521	201 157	5 170	10 455	143 040	738 564	1 330 349	2 065 110	40 241
311	Food manufacturing	2	7	4	1 633	45 663	1 220	2 483	27 512	230 770	147 601	378 050	3 149
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	2	4	2	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	2	4	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	5	10	7	788	15 351	685	1 340	12 186	24 931	19 988	45 095	353
3152	Cut and sew apparel manufacturing	3	5	4	594	11 382	509	1 009	8 886	16 927	11 248	28 334	D
326	Plastics and rubber products manufacturing	-	9	6	933	30 374	784	1 697	23 803	94 542	192 737	284 870	2 952
332	Fabricated metal product manufacturing	4	27	9	509	15 872	380	717	10 658	32 400	23 417	57 429	1 214
335	Electrical equipment, appliance, and component manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
CATOOSA													
31-33	Manufacturing	-	53	16	2 382	65 843	1 953	3 976	45 412	203 406	262 313	468 524	19 396
313	Textile mills	-	6	4	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	3	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	3	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	3	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	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)
CHATHAM													
31-33	Manufacturing	1	189	64	12 187	589 870	8 583	18 236	365 772	1 863 091	3 353 371	5 154 980	D
311	Food manufacturing	6	22	8	g	D	D	D	D	D	D	D	11 601
3113	Sugar and confectionery product manufacturing	6	7	3	f	D	D	D	D	D	D	D	D
31131	Sugar manufacturing	6	2	2	f	D	D	D	D	D	D	D	D
311312	Cane sugar refining	6	2	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	—	8	3	568	16 269	233	461	5 608	26 523	19 783	46 304	D
31181	Bread and bakery product manufacturing	—	7	2	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries	—	3	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	3	2	f	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
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
325	Chemical manufacturing	3	20	9	1 345	64 370	939	1 931	41 221	261 910	345 912	595 422	D
3251	Basic chemical manufacturing ...	1	8	5	893	44 625	586	1 260	27 835	171 759	221 255	377 620	D
32513	Synthetic dye and pigment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
325131	Inorganic dye and pigment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	—	22	8	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	11	4	i	D	D	D	D	D	D	D	14 920
3364	Aerospace product and parts manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	2	1	h	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
3366	Ship and boat building	5	5	2	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	5	5	2	f	D	D	D	D	D	D	D	D
336612	Boat building	5	4	2	f	D	D	D	D	D	D	D	D
CHATTOOGA													
31-33	Manufacturing	6	22	9	3 869	104 941	3 360	7 221	84 221	320 027	361 563	714 938	21 552
313	Textile mills	—	2	2	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	—	1	1	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	1	1	g	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	—	1	1	g	D	D	D	D	D	D	D	D
314	Textile product mills	9	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	2	1	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	2	1	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	2	1	f	D	D	D	D	D	D	D	D
CHEROKEE													
31-33	Manufacturing	2	167	37	3 936	122 081	2 913	5 789	75 442	267 277	342 912	614 974	19 114
311	Food manufacturing	—	9	2	726	16 586	626	1 379	12 567	44 233	63 543	107 091	1 802
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
311615	Poultry processing	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	2	10	6	507	14 283	416	812	9 860	35 917	51 613	89 786	2 256
332	Fabricated metal product manufacturing	3	26	7	589	21 101	423	794	12 648	51 011	69 068	117 374	3 028

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)				
CLARKE													
31-33	Manufacturing	-	98	33	6 966	225 977	5 591	11 315	157 771	603 968	636 664	1 242 855	46 615
311	Food manufacturing	-	6	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
325	Chemical manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
325222	Noncellulosic organic fiber manufacturing	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
332	Fabricated metal product manufacturing	-	16	7	757	25 677	567	1 162	17 517	67 084	81 955	150 222	4 917
333	Machinery manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CLAYTON													
31-33	Manufacturing	1	148	54	5 853	202 890	4 543	8 856	134 880	876 343	852 043	1 718 398	34 297
311	Food manufacturing	2	11	7	940	26 391	712	1 529	16 463	70 736	90 399	160 568	6 997
325	Chemical manufacturing	-	11	5	627	29 472	460	913	18 885	412 671	356 317	769 282	10 248
326	Plastics and rubber products manufacturing	6	13	9	548	18 052	463	937	14 032	74 451	45 368	120 083	4 490
327	Nonmetallic mineral product manufacturing	1	11	9	1 031	32 142	704	1 394	17 146	94 282	40 351	131 447	5 193
336	Transportation equipment manufacturing	2	7	6	1 007	32 413	849	1 492	22 842	58 272	152 247	210 430	1 798
3363	Motor vehicle parts manufacturing	2	7	6	1 007	32 413	849	1 492	22 842	58 272	152 247	210 430	1 798
CLINCH													
31-33	Manufacturing	-	10	4	771	19 736	659	1 479	13 032	101 858	78 007	180 429	D
COBB													
31-33	Manufacturing	1	597	164	22 158	1 066 997	12 888	24 816	465 784	3 057 777	1 990 591	5 060 448	181 907
311	Food manufacturing	1	30	10	1 649	48 632	1 287	2 838	29 907	155 009	132 619	283 685	9 361
3116	Animal slaughtering and processing	1	5	2	659	17 002	588	1 394	13 196	30 934	45 000	74 732	D
31161	Animal slaughtering and processing	1	5	2	659	17 002	588	1 394	13 196	30 934	45 000	74 732	D
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	1	22	10	928	26 496	732	1 433	17 766	60 323	71 500	132 173	2 321
3219	Other wood product manufacturing	2	18	7	726	20 088	569	1 051	13 678	44 052	59 801	104 073	1 957
32191	Millwork	2	15	7	716	19 812	561	1 037	13 478	43 481	59 322	103 031	1 937
321911	Wood window and door manufacturing	-	7	4	517	14 218	394	717	9 350	35 322	45 241	81 078	D
322	Paper manufacturing	-	21	13	1 653	73 018	1 280	2 657	49 314	226 731	203 029	430 053	13 268
3222	Converted paper product manufacturing	-	18	10	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	2	125	28	1 643	71 262	1 058	2 159	38 272	157 292	86 398	243 226	6 085
3231	Printing and related support activities	2	125	28	1 643	71 262	1 058	2 159	38 272	157 292	86 398	243 226	6 085
32311	Printing	3	113	23	1 418	57 662	909	1 822	31 246	123 806	69 091	192 520	5 342
323110	Commercial lithographic printing	1	46	18	974	44 497	602	1 283	22 993	89 823	50 548	140 131	4 125
325	Chemical manufacturing	3	35	11	951	47 133	506	1 065	20 738	147 621	114 371	263 384	5 144
326	Plastics and rubber products manufacturing	3	27	13	1 073	44 773	767	1 661	28 162	168 233	101 450	274 540	20 166
3261	Plastics product manufacturing ..	3	24	11	930	39 041	655	1 436	23 915	153 319	88 201	247 048	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)				
COBB—Con.													
327	Nonmetallic mineral product manufacturing	1	33	16	1 005	36 735	800	1 563	26 324	98 820	86 829	184 854	15 163
332	Fabricated metal product manufacturing	—	66	15	1 245	43 250	928	1 865	27 641	73 335	110 740	186 326	4 275
3323	Architectural and structural metals manufacturing	—	29	8	697	21 049	524	1 048	14 148	37 895	41 293	77 946	1 273
33232	Ornamental and architectural metal products manufacturing	—	22	7	642	18 845	491	984	12 959	33 583	36 252	69 201	1 141
333	Machinery manufacturing	3	37	11	1 206	46 814	696	1 402	20 241	100 575	77 130	181 113	7 411
334	Computer and electronic product manufacturing	3	31	10	552	25 296	244	451	7 079	69 360	52 026	120 732	2 873
336	Transportation equipment manufacturing	—	7	2	i	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	1	1	i	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	i	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	i	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	5	78	11	1 283	56 474	675	1 332	17 485	187 049	84 747	270 287	6 273
3391	Medical equipment and supplies manufacturing	5	31	4	737	37 824	303	613	8 511	145 825	54 251	198 204	5 269
33911	Medical equipment and supplies manufacturing	5	31	4	737	37 824	303	613	8 511	145 825	54 251	198 204	5 269
339113	Surgical appliance and supplies manufacturing	6	4	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	3	47	7	546	18 650	372	719	8 974	41 224	30 496	72 083	1 004
COFFEE													
31-33	Manufacturing	1	43	20	4 683	117 704	4 019	8 075	89 758	282 776	465 892	742 909	27 011
311	Food manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	3	2	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
COLQUITT													
31-33	Manufacturing	1	56	17	2 051	48 252	1 764	3 523	36 890	103 889	217 276	321 706	6 930
315	Apparel manufacturing	1	6	5	553	9 421	502	997	7 504	16 848	11 502	29 028	D
3152	Cut and sew apparel manufacturing	1	6	5	553	9 421	502	997	7 504	16 848	11 502	29 028	D
31522	Men's and boys' cut and sew apparel manufacturing	1	4	4	f	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	11	4	525	14 090	441	867	9 883	25 850	64 429	93 051	2 606

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E 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)				
COLUMBIA													
31-33	Manufacturing	-	56	16	4 474	153 203	3 188	5 887	83 371	716 558	908 733	1 632 745	13 146
315	Apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	9	7	2	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	9	7	2	g	D	D	D	D	D	D	D	D
32311	Printing	9	7	2	g	D	D	D	D	D	D	D	D
323111	Commercial gravure printing ..	9	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
COOK													
31-33	Manufacturing	-	30	12	1 171	30 403	954	1 757	22 140	71 623	151 382	227 639	16 217
COWETA													
31-33	Manufacturing	1	84	33	4 989	175 484	3 475	7 120	95 523	530 239	986 920	1 526 738	76 145
326	Plastics and rubber products manufacturing	-	8	4	573	16 652	413	899	9 301	29 413	51 713	82 143	8 972
3261	Plastics product manufacturing ..	-	7	3	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	3	5	2	654	25 676	467	1 012	15 032	38 295	82 984	121 846	1 596
3313	Alumina and aluminum production and processing	3	3	2	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	3	3	2	f	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing	2	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	4	17	7	686	22 970	504	1 026	13 978	79 579	73 269	153 352	1 943
334	Computer and electronic product manufacturing	3	3	3	f	D	D	D	D	D	D	D	6 788
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	3	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
CRISP													
31-33	Manufacturing	1	26	14	2 235	56 467	1 837	3 595	39 686	145 019	172 067	317 675	9 553
336	Transportation equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
DADE													
31-33	Manufacturing	1	24	8	894	25 189	761	1 543	18 810	78 538	65 490	143 025	5 313
DAWSON													
31-33	Manufacturing	3	21	7	709	27 987	483	971	14 448	55 509	39 522	96 443	10 240

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
DECATUR													
31-33	Manufacturing	1	24	10	2 068	65 928	1 613	3 437	44 020	220 956	352 622	569 124	11 200
325	Chemical manufacturing	—	3	3	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
DEKALB													
31-33	Manufacturing	—	'588	179	'20 728	'857 389	'15 292	'31 059	'572 379	'4 006 557	'4 945 920	'8 956 667	'103 697
311	Food manufacturing	—	51	18	3 104	100 217	1 857	3 886	55 973	479 102	341 439	819 463	14 820
3118	Bakeries and tortilla manufacturing	—	31	10	2 151	64 138	1 183	2 481	34 232	155 956	150 131	305 260	9 040
31181	Bread and bakery product manufacturing	—	27	7	1 837	53 720	898	1 918	25 464	88 888	82 631	172 193	6 023
311812	Commercial bakeries	1	12	5	g	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	20	12	1 574	65 427	1 261	2 884	45 863	156 982	268 987	425 134	4 920
3222	Converted paper product manufacturing	—	20	12	1 574	65 427	1 261	2 884	45 863	156 982	268 987	425 134	4 920
32221	Paperboard container manufacturing	—	10	8	g	D	D	D	D	D	D	D	3 189
322211	Corrugated and solid fiber box manufacturing	—	7	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	'125	21	'1 983	'79 034	'1 402	'2 763	'45 832	'187 816	'102 933	'289 995	'26 435
3231	Printing and related support activities	1	'125	21	'1 983	'79 034	'1 402	'2 763	'45 832	'187 816	'102 933	'289 995	'26 435
32311	Printing	1	'112	18	g	D	D	D	D	D	D	D	'26 095
323110	Commercial lithographic printing	1	'51	12	'1 192	'52 444	'822	'1 607	'29 657	'100 096	'63 636	'163 320	'23 633
325	Chemical manufacturing	—	41	15	835	36 899	483	901	18 453	243 683	186 968	428 701	12 161
326	Plastics and rubber products manufacturing	1	25	13	g	D	D	D	D	D	D	D	7 518
3261	Plastics product manufacturing ..	2	22	12	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	33	14	1 113	40 274	844	1 803	27 083	119 617	105 279	224 639	6 125
332	Fabricated metal product manufacturing	1	62	26	1 588	59 123	1 164	2 445	35 776	136 149	112 947	247 012	9 165
3323	Architectural and structural metals manufacturing	1	23	12	683	25 140	474	1 037	14 252	71 282	67 763	138 661	6 094
333	Machinery manufacturing	3	25	9	f	D	D	D	D	D	D	D	7 411
335	Electrical equipment, appliance, and component manufacturing	—	7	3	1 129	36 522	942	1 925	26 611	125 075	148 779	272 911	5 251
3353	Electrical equipment manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ..	—	2	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	11	5	h	D	D	D	D	D	D	D	2 372
3361	Motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	6	45	12	f	D	D	D	D	D	D	D	878

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)				
DEKALB—Con.													
339	Miscellaneous manufacturing	1	63	16	1 207	44 169	830	1 724	19 264	114 463	67 755	182 114	2 903
3391	Medical equipment and supplies manufacturing	4	25	7	535	27 823	283	529	8 870	30 131	8 940	39 262	1 079
33911	Medical equipment and supplies manufacturing	4	25	7	535	27 823	283	529	8 870	30 131	8 940	39 262	1 079
3399	Other miscellaneous manufacturing	—	38	9	672	16 346	547	1 195	10 394	84 332	58 815	142 852	1 824
DOOLY													
31-33	Manufacturing	—	9	6	f	D	D	D	D	D	D	D	3 595
DOUGHERTY													
31-33	Manufacturing	1	80	30	7 340	327 938	5 832	11 838	241 609	2 554 112	1 684 024	4 277 026	211 579
311	Food manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
31212	Breweries	9	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	9	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	—	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	3	3	g	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	3	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
DOUGLAS													
31-33	Manufacturing	2	112	29	4 055	118 600	2 677	5 414	72 957	302 349	323 289	625 119	17 667
326	Plastics and rubber products manufacturing	—	7	4	1 648	34 582	995	2 136	20 108	57 172	81 465	138 085	D
3261	Plastics product manufacturing	—	6	4	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
332	Fabricated metal product manufacturing	1	22	6	817	26 107	638	1 238	19 303	55 766	97 818	154 063	2 810
3323	Architectural and structural metals manufacturing	1	9	5	718	22 853	561	1 092	16 909	49 318	92 283	142 096	2 429
33232	Ornamental and architectural metal products manufacturing	—	6	3	f	D	D	D	D	D	D	D	1 725
EARLY													
31-33	Manufacturing	—	13	3	1 083	58 824	666	1 472	29 270	356 744	334 859	776 052	8 644
322	Paper manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
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.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
EFFINGHAM													
31-33	Manufacturing	-	16	8	2 022	97 955	1 789	3 716	83 875	474 394	203 544	648 290	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
ELBERT													
31-33	Manufacturing	1	119	27	2 875	79 369	2 406	4 689	59 510	274 256	129 568	402 410	12 444
311	Food manufacturing	-	4	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	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	2	91	19	1 306	39 285	1 051	2 091	29 234	78 308	50 664	124 875	5 075
3279	Other nonmetallic mineral product manufacturing	2	86	17	g	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	2	85	17	g	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	2	85	17	g	D	D	D	D	D	D	D	D
EMANUEL													
31-33	Manufacturing	-	34	14	1 977	46 449	1 692	3 536	33 235	153 492	148 742	302 245	9 087
311	Food manufacturing	-	4	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	-	1	1	f	D	D	D	D	D	D	D	D
EVANS													
31-33	Manufacturing	7	14	7	1 870	36 473	1 668	3 408	31 473	172 159	65 454	238 048	4 391
311	Food manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	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
FANNIN													
31-33	Manufacturing	1	27	6	732	12 708	647	804	9 318	46 019	40 075	87 559	1 574
FAYETTE													
31-33	Manufacturing	-	104	30	4 475	183 070	2 721	5 562	83 050	476 570	839 790	1 328 515	25 469
333	Machinery manufacturing	-	8	3	516	26 103	213	416	7 547	64 345	61 691	132 727	1 735
334	Computer and electronic product manufacturing	-	5	4	g	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
FLOYD													
31-33	Manufacturing	1	119	47	7 553	250 323	6 285	13 114	186 616	735 657	1 041 579	1 787 806	64 931
311	Food manufacturing	-	6	3	1 263	33 715	953	1 890	20 627	106 664	105 014	211 741	3 002
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
313	Textile mills	2	6	3	1 083	23 487	1 018	2 160	20 643	53 288	76 980	132 354	D
3131	Fiber, yarn, and thread mills	4	3	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	4	3	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	4	3	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	3	8	4	800	21 932	702	1 564	17 386	48 739	107 708	165 495	D
3141	Textile furnishings mills	3	7	4	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	3	5	4	788	21 645	691	1 543	17 188	48 043	106 856	163 947	D
314110	Carpet and rug mills	3	5	4	788	21 645	691	1 543	17 188	48 043	106 856	163 947	D
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
331	Primary metal manufacturing	-	6	5	576	21 374	459	1 029	15 127	64 188	103 767	168 588	2 728
332	Fabricated metal product manufacturing	-	17	8	791	30 631	649	1 346	22 960	114 183	177 846	297 031	4 320
FORSYTH													
31-33	Manufacturing	1	'169	'46	'6 712	'237 096	4 934	9 794	138 878	'815 225	'786 998	'1 610 878	'20 920
311	Food manufacturing	1	9	4	2 009	49 236	1 811	3 838	40 918	219 793	92 700	310 029	5 930
3116	Animal slaughtering and processing	1	4	4	1 977	48 110	1 785	3 783	40 086	216 839	90 951	305 314	5 735
31161	Animal slaughtering and processing	1	4	4	1 977	48 110	1 785	3 783	40 086	216 839	90 951	305 314	5 735
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
323	Printing and related support activities	7	17	4	501	20 247	392	792	14 642	44 398	37 779	82 099	3 271
3231	Printing and related support activities	7	17	4	501	20 247	392	792	14 642	44 398	37 779	82 099	3 271
32311	Printing	7	17	4	501	20 247	392	792	14 642	44 398	37 779	82 099	3 271
332	Fabricated metal product manufacturing	2	30	10	998	38 622	726	1 456	22 546	115 768	57 644	174 620	2 226
335	Electrical equipment, appliance, and component manufacturing	-	7	3	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	10	2	f	D	D	D	D	D	D	D	785
3363	Motor vehicle parts manufacturing	-	5	2	f	D	D	D	D	D	D	D	712
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
FRANKLIN													
31-33	Manufacturing	-	47	18	2 351	76 486	1 863	3 898	50 464	320 078	190 471	514 800	9 512
313	Textile mills	-	6	6	793	20 106	736	1 539	19 070	35 442	64 584	102 782	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

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E 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)				
FULTON													
31-33	Manufacturing	—	'794	'258	'30 562	'1 219 395	'21 922	'44 833	'769 123	'6 126 659	'5 909 743	'11 973 516	'234 530
311	Food manufacturing	—	67	34	4 724	163 892	3 509	7 400	104 385	2 440 443	951 178	3 386 138	42 239
3116	Animal slaughtering and processing	—	6	3	581	13 154	554	1 296	12 253	35 959	74 538	113 392	256
31161	Animal slaughtering and processing	—	6	3	581	13 154	554	1 296	12 253	35 959	74 538	113 392	256
311615	Poultry processing	—	2	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	2	34	15	2 347	72 831	1 742	3 733	46 736	494 950	135 102	632 756	12 136
31181	Bread and bakery product manufacturing	—	27	8	f	D	D	D	D	D	D	D	8 022
311812	Commercial bakeries	—	9	4	523	16 831	313	728	8 771	33 566	26 507	60 064	D
31182	Cookie, cracker, and pasta manufacturing	2	4	4	1 347	45 917	1 074	2 305	30 684	445 533	85 400	533 732	D
311821	Cookie and cracker manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
3119	Other food manufacturing	—	14	8	f	D	D	D	D	D	D	D	17 575
31194	Seasoning and dressing manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	—	9	6	g	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	—	9	6	g	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	—	5	5	g	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	—	4	4	g	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	25	7	801	23 923	641	1 350	17 910	53 802	81 559	135 021	1 506
3219	Other wood product manufacturing	1	22	6	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	1	18	16	1 460	62 126	1 189	2 549	45 517	197 782	313 866	510 036	9 073
3222	Converted paper product manufacturing	1	16	14	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	1	12	12	1 146	48 974	910	1 992	34 579	152 710	258 819	409 710	6 979
322211	Corrugated and solid fiber box manufacturing	2	8	8	698	30 637	520	1 102	19 496	73 818	133 112	206 653	D
323	Printing and related support activities	1	158	40	4 060	168 385	2 647	5 149	91 408	363 380	242 826	606 915	27 544
3231	Printing and related support activities	1	158	40	4 060	168 385	2 647	5 149	91 408	363 380	242 826	606 915	27 544
32311	Printing	1	133	32	3 625	150 521	2 320	4 492	78 961	331 996	235 610	568 301	25 584
323110	Commercial lithographic printing	—	67	19	2 034	89 134	1 403	2 796	50 888	201 417	151 501	354 821	19 001
323113	Commercial screen printing	6	12	3	519	23 250	190	427	5 643	38 399	43 523	80 798	D
323115	Digital printing	—	10	3	544	19 948	375	590	12 409	56 729	21 993	78 689	D
325	Chemical manufacturing	1	57	20	2 182	93 971	1 091	2 158	36 626	425 152	284 808	709 017	13 182
3256	Soap, cleaning compound, and toilet preparation manufacturing	2	16	5	606	22 538	178	351	4 907	60 734	20 359	81 202	820
32561	Soap and cleaning compound manufacturing	1	11	5	556	20 882	138	282	3 942	48 070	15 082	63 261	391
326	Plastics and rubber products manufacturing	—	43	22	2 192	80 426	1 701	3 671	52 460	256 677	194 709	450 373	25 973
3261	Plastics product manufacturing	—	41	21	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	8	6	798	30 726	544	1 103	16 937	97 235	72 638	170 093	8 907
32616	Plastics bottle manufacturing	—	8	8	717	24 421	650	1 475	21 045	99 804	69 078	167 364	6 255
326160	Plastics bottle manufacturing	—	8	8	717	24 421	650	1 475	21 045	99 804	69 078	167 364	6 255
327	Nonmetallic mineral product manufacturing	1	'37	'21	'1 934	'77 560	'1 629	'3 613	'59 561	'298 077	'210 902	'510 007	'27 359
3273	Cement and concrete product manufacturing	1	'22	'13	'693	'28 140	'565	'1 290	'21 063	'99 589	'103 322	'204 158	'4 358
3279	Other nonmetallic mineral product manufacturing	—	7	3	608	23 801	506	1 175	17 333	120 950	47 339	168 473	D
32799	All other nonmetallic mineral product manufacturing	—	7	3	608	23 801	506	1 175	17 333	120 950	47 339	168 473	D

See footnotes at end of table.

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
FULTON—Con.													
332	Fabricated metal product manufacturing	2	76	28	2 136	68 229	1 565	3 100	42 170	179 825	140 277	308 436	10 247
3323	Architectural and structural metals manufacturing	2	28	14	753	24 725	497	887	13 052	62 073	46 962	104 683	1 863
33231	Plate work and fabricated structural product manufacturing	1	13	10	532	16 802	356	583	8 787	47 792	36 952	80 460	1 256
3326	Spring and wire product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	2	30	11	688	28 612	310	600	10 361	77 006	63 099	141 334	1 639
334	Computer and electronic product manufacturing	5	43	11	1 351	72 130	662	1 190	25 891	159 563	135 107	289 821	8 184
335	Electrical equipment, appliance, and component manufacturing	2	10	3	608	16 652	432	876	9 568	37 923	34 017	71 852	D
3351	Electric lighting equipment manufacturing	2	6	2	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	2	6	2	f	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing	2	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	16	5	h	D	D	D	D	D	D	D	1 381
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
336111	Automobile manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	7	52	11	1 506	48 854	1 202	2 377	30 922	137 403	91 723	228 860	4 923
3372	Office furniture (including fixtures) manufacturing	9	15	5	902	29 901	714	1 374	18 505	99 501	61 544	159 840	D
33721	Office furniture (including fixtures) manufacturing	9	15	5	902	29 901	714	1 374	18 505	99 501	61 544	159 840	D
337211	Wood office furniture manufacturing	9	4	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	88	11	g	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	29	2	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	29	2	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	5	59	9	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	5	19	5	502	14 735	369	749	8 559	30 921	28 489	59 262	1 039
GILMER													
31-33	Manufacturing	—	31	9	2 841	66 215	2 583	4 656	53 205	129 857	175 121	300 603	2 874
311	Food manufacturing	—	3	1	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
314	Textile product mills	—	3	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
31411	Carpet and rug mills	—	3	3	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	—	3	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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)				
GLYNN													
31-33	Manufacturing	-	68	16	3 030	135 403	2 077	3 834	87 531	412 139	512 480	914 228	36 686
311	Food manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	4	2	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	4	2	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	4	2	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
32211	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
GORDON													
31-33	Manufacturing	2	109	59	8 346	255 693	6 687	13 943	173 506	932 129	2 537 212	3 823 821	38 612
313	Textile mills	5	16	11	2 028	52 097	1 855	3 891	44 746	152 429	258 876	416 740	D
3131	Fiber, yarn, and thread mills	4	10	7	1 385	38 940	1 294	2 816	34 717	87 863	208 083	299 092	D
31311	Fiber, yarn, and thread mills	4	10	7	1 385	38 940	1 294	2 816	34 717	87 863	208 083	299 092	D
313111	Yarn spinning mills	1	5	3	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	6	4	3	f	D	D	D	D	D	D	D	D
314	Textile product mills	1	28	20	4 080	125 723	3 120	6 686	77 842	490 724	1 809 737	2 647 702	10 864
3141	Textile furnishings mills	1	21	17	h	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	1	19	15	3 590	113 371	2 702	5 807	69 397	460 508	1 782 326	2 591 191	D
314110	Carpet and rug mills	1	19	15	3 590	113 371	2 702	5 807	69 397	460 508	1 782 326	2 591 191	D
326	Plastics and rubber products manufacturing	-	15	11	761	24 283	632	1 335	16 819	92 757	80 287	172 885	11 463
333	Machinery manufacturing	9	6	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
GRADY													
31-33	Manufacturing	-	16	7	724	21 864	609	1 225	16 542	68 725	48 746	118 405	9 837
332	Fabricated metal product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
GREENE													
31-33	Manufacturing	-	15	7	662	17 458	565	1 087	12 599	81 177	297 301	375 314	7 237
GWINNETT													
31-33	Manufacturing	2	762	243	25 437	984 990	16 070	31 627	488 505	2 350 716	2 277 382	4 646 717	144 695
311	Food manufacturing	3	32	12	1 605	46 521	1 180	2 574	29 887	119 942	196 556	315 777	5 225
3118	Bakeries and tortilla manufacturing	5	18	6	860	24 971	594	1 257	14 487	71 251	44 281	113 413	2 574
31181	Bread and bakery product manufacturing	3	15	5	f	D	D	D	D	D	D	D	D
314	Textile product mills	8	20	4	f	D	D	D	D	D	D	D	D
3149	Other textile product mills	9	13	3	546	14 851	476	976	11 277	32 544	27 309	60 376	D
31499	All other textile product mills	9	9	3	533	14 498	468	960	11 065	31 757	27 113	59 397	D
314999	All other miscellaneous textile product mills	9	8	3	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	26	9	703	16 817	467	933	9 230	43 942	80 951	124 368	2 289
322	Paper manufacturing	2	15	10	923	41 441	705	1 544	27 904	152 785	180 463	333 823	D
3222	Converted paper product manufacturing	-	14	9	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	9	7	556	22 771	431	959	15 713	60 351	64 929	125 843	D
323	Printing and related support activities	3	148	28	1 858	69 140	1 158	2 140	39 779	126 249	77 415	203 478	4 366
3231	Printing and related support activities	3	148	28	1 858	69 140	1 158	2 140	39 779	126 249	77 415	203 478	4 366
32311	Printing	3	134	27	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	3	56	12	960	37 868	582	1 012	22 996	58 329	37 461	95 606	2 590

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)				
WINNETT—Con.													
325	Chemical manufacturing	3	31	13	1 918	90 641	850	1 707	36 463	306 630	206 579	508 565	16 016
3254	Pharmaceutical and medicine manufacturing	1	7	6	1 034	47 460	358	749	18 040	97 313	57 313	152 476	D
32541	Pharmaceutical and medicine manufacturing	1	7	6	1 034	47 460	358	749	18 040	97 313	57 313	152 476	D
325413	In-vitro diagnostic substance manufacturing	2	4	4	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing	4	10	4	644	34 201	333	684	14 077	180 784	97 266	275 175	3 448
32599	All other chemical product and preparation manufacturing	4	8	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	33	21	1 737	58 184	1 432	2 587	39 559	173 697	183 328	353 387	14 891
3261	Plastics product manufacturing	1	30	21	1 727	57 888	1 424	2 572	39 349	173 032	182 774	352 168	14 867
32619	Other plastics product manufacturing	—	23	17	1 412	47 394	1 162	2 084	31 771	145 540	152 712	294 739	13 160
326199	All other plastics product manufacturing	—	21	16	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	38	17	1 047	41 925	802	1 761	28 415	117 713	139 784	260 406	15 816
332	Fabricated metal product manufacturing	1	84	24	1 867	66 789	1 356	2 731	41 040	164 642	128 072	293 409	5 869
3323	Architectural and structural metals manufacturing	—	33	16	1 332	49 390	957	1 971	29 564	123 163	99 181	224 232	4 278
33232	Ornamental and architectural metal products manufacturing	1	20	8	918	30 682	671	1 382	17 631	61 305	60 329	121 607	2 756
333	Machinery manufacturing	—	44	14	1 886	67 301	1 129	1 900	29 893	211 853	208 304	418 063	4 548
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	7	5	645	28 262	348	711	9 534	3 176	99 844	104 299	1 031
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	—	7	5	645	28 262	348	711	9 534	3 176	99 844	104 299	1 031
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	—	3	3	f	D	D	D	D	D	D	D	489
3339	Other general purpose machinery manufacturing	—	8	3	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
333991	Power-driven handtool manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing	2	76	35	4 322	199 884	1 933	4 072	60 329	424 436	374 601	801 639	15 389
3341	Computer and peripheral equipment manufacturing	1	11	3	651	19 704	200	568	7 622	58 980	31 095	91 073	2 443
33411	Computer and peripheral equipment manufacturing	1	11	3	651	19 704	200	568	7 622	58 980	31 095	91 073	2 443
334113	Computer terminal manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	1	20	10	1 513	90 315	568	1 101	19 787	148 341	179 557	329 378	6 451
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	13	6	1 056	59 650	530	1 026	18 429	123 261	148 468	274 165	4 931
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	13	6	1 056	59 650	530	1 026	18 429	123 261	148 468	274 165	4 931
3345	Navigational, measuring, electromedical, and control instruments manufacturing	4	24	14	g	D	D	D	D	D	D	D	5 735
33451	Navigational, measuring, electromedical, and control instruments manufacturing	4	24	14	g	D	D	D	D	D	D	D	5 735
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	1	7	2	f	D	D	D	D	D	D	D	1 338

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)				
GWINNETT—Con.													
335	Electrical equipment, appliance, and component manufacturing	1	18	6	2 256	97 766	1 257	2 476	40 324	61 471	112 835	201 510	9 231
3359	Other electrical equipment and component manufacturing	—	8	3	2 076	89 891	1 135	2 240	36 266	34 336	90 359	152 389	D
33592	Communication and energy wire and cable manufacturing .	—	3	2	g	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	4	10	4	763	25 359	605	1 029	16 942	61 078	122 798	183 367	3 843
3363	Motor vehicle parts manufacturing	3	5	4	f	D	D	D	D	D	D	D	3 810
33639	Other motor vehicle parts manufacturing	5	3	3	531	17 775	399	814	10 785	38 774	83 677	122 349	D
336399	All other motor vehicle parts manufacturing	5	3	3	531	17 775	399	814	10 785	38 774	83 677	122 349	D
337	Furniture and related product manufacturing	3	68	17	1 023	30 705	796	1 610	20 387	63 699	44 416	106 158	1 646
3371	Household and institutional furniture and kitchen cabinet manufacturing	4	47	8	580	16 405	459	888	11 189	37 223	22 733	59 492	944
339	Miscellaneous manufacturing	2	90	23	2 410	104 026	1 447	2 684	47 067	251 534	167 645	416 918	6 129
3391	Medical equipment and supplies manufacturing	—	41	9	1 173	63 582	660	1 207	26 265	161 750	112 968	274 813	3 608
33911	Medical equipment and supplies manufacturing	—	41	9	1 173	63 582	660	1 207	26 265	161 750	112 968	274 813	3 608
3399	Other miscellaneous manufacturing	5	49	14	1 237	40 444	787	1 477	20 802	89 784	54 677	142 105	2 521
33995	Sign manufacturing	2	31	7	524	18 440	284	542	7 904	32 409	17 347	50 025	969
339950	Sign manufacturing	2	31	7	524	18 440	284	542	7 904	32 409	17 347	50 025	969
HABERSHAM													
31-33	Manufacturing	1	67	20	4 294	115 146	3 606	7 244	84 277	270 093	403 015	671 475	13 673
311	Food manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills	2	5	4	f	D	D	D	D	D	D	D	D
3132	Fabric mills	—	3	2	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	2	5	4	900	28 439	627	1 285	16 881	94 503	40 815	133 837	3 080
3391	Medical equipment and supplies manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
HALL													
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	D
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
325	Chemical manufacturing	—	14	8	959	36 939	502	1 128	13 932	138 484	174 268	309 831	7 679

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)				
HALL—Con.													
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
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
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
336	Transportation equipment manufacturing	-	11	8	1 730	64 476	1 322	2 578	43 548	114 152	254 302	367 809	9 511
3363	Motor vehicle parts manufacturing	-	8	7	g	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
HARALSON													
31-33	Manufacturing	1	'33	'16	'2 123	'62 765	1 777	3 642	47 591	'145 833	'221 610	'365 237	'7 566
326	Plastics and rubber products manufacturing	-	8	4	553	14 731	447	826	9 739	28 205	76 964	104 038	1 173
332	Fabricated metal product manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
HARRIS													
31-33	Manufacturing	-	21	3	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	2	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
HART													
31-33	Manufacturing	-	29	11	2 064	52 694	1 772	3 834	41 020	101 444	182 245	278 923	4 273
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HENRY													
31-33	Manufacturing	-	81	30	3 225	111 934	2 325	4 949	67 694	561 182	550 381	1 101 418	20 956
333	Machinery manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
HOUSTON													
31-33	Manufacturing	-	58	17	2 868	99 856	2 308	4 440	76 523	619 016	292 537	925 028	20 515
311	Food manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	7	3	586	27 526	493	1 091	23 406	103 267	72 346	178 770	8 342
JACKSON													
31-33	Manufacturing	1	67	28	4 319	127 958	3 807	7 581	104 805	403 792	426 652	819 774	19 788
311	Food manufacturing	-	7	4	2 027	47 535	1 940	3 779	43 635	172 217	145 155	306 469	3 468
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
JASPER													
31-33	Manufacturing	-	25	12	949	32 305	813	1 697	25 197	73 703	133 536	206 752	4 458
321	Wood product manufacturing	-	11	7	f	D	D	D	D	D	D	D	569
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
JEFF DAVIS													
31-33	Manufacturing	-	25	7	1 632	46 124	1 374	2 638	34 430	173 352	111 229	283 178	12 560
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
JEFFERSON													
31-33	Manufacturing	-	26	10	1 559	47 485	1 277	2 662	31 655	134 464	129 686	274 446	3 669
JENKINS													
31-33	Manufacturing	-	8	4	1 090	24 025	1 001	1 831	18 491	53 429	86 246	140 236	D
LAMAR													
31-33	Manufacturing	-	13	5	509	17 450	442	893	13 818	38 748	128 003	169 226	2 953
LAURENS													
31-33	Manufacturing	3	44	18	4 107	131 110	3 385	6 628	96 255	496 500	469 446	1 023 301	D
314	Textile product mills	9	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	1	1	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	1	1	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	-	11	4	991	24 551	810	1 500	16 862	81 925	56 825	137 864	4 246
3371	Household and institutional furniture and kitchen cabinet manufacturing	-	11	4	991	24 551	810	1 500	16 862	81 925	56 825	137 864	4 246
33712	Household and institutional furniture manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
LIBERTY													
31-33	Manufacturing	-	16	6	f	D	D	D	D	D	D	D	15 352
LOWNDES													
31-33	Manufacturing	-	104	40	4 659	145 301	3 554	7 018	99 536	532 212	939 788	1 529 444	D
311	Food manufacturing	-	13	8	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	7	5	721	31 670	588	1 272	23 351	119 731	110 472	229 805	D
326	Plastics and rubber products manufacturing	1	7	5	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	6	5	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	3	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
LUMPKIN													
31-33	Manufacturing	-	16	4	900	24 764	746	997	12 239	49 712	72 790	123 305	1 818
MCDUFFIE													
31-33	Manufacturing	2	30	10	1 622	44 751	1 338	2 687	32 310	93 137	185 378	278 181	D
313	Textile mills	1	3	3	1 025	26 953	914	1 826	21 758	50 074	140 310	187 597	D
3131	Fiber, yarn, and thread mills	-	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	1	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	1	1	f	D	D	D	D	D	D	D	D
MACON													
31-33	Manufacturing	-	15	6	804	33 090	657	1 243	25 029	134 916	161 553	290 436	D
MADISON													
31-33	Manufacturing	-	23	5	531	15 406	449	848	12 379	43 726	68 936	113 826	1 693
MARION													
31-33	Manufacturing	5	5	2	g	D	D	D	D	D	D	D	D
311	Food manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	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
MERIWETHER													
31-33	Manufacturing	-	16	9	1 359	43 684	1 127	2 463	30 859	161 538	151 337	316 084	10 712
321	Wood product manufacturing	-	3	3	539	19 205	490	1 116	16 553	40 537	71 323	110 687	D
332	Fabricated metal product manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	1	1	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
MITCHELL													
31-33	Manufacturing	-	20	6	2 471	60 927	2 251	5 174	51 850	94 751	133 803	235 980	2 261
311	Food manufacturing	-	3	1	g	D	D	D	D	D	D	D	303
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
MORGAN													
31-33	Manufacturing	2	26	12	1 581	46 401	1 336	2 802	34 933	113 093	144 924	257 565	14 694
MURRAY													
31-33	Manufacturing	3	94	32	5 398	151 669	4 588	9 627	112 708	300 660	934 431	1 296 071	12 109
313	Textile mills	1	6	4	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	4	3	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	4	3	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	3	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	4	50	17	3 707	104 326	3 101	6 563	75 205	153 464	681 584	897 118	6 057
3141	Textile furnishings mills	4	'44	'12	'3 189	'94 347	'2 662	'5 663	'68 143	'133 760	'655 716	'852 563	'5 908
31411	Carpet and rug mills	4	'44	'12	'3 189	'94 347	'2 662	'5 663	'68 143	'133 760	'655 716	'852 563	'5 908
314110	Carpet and rug mills	4	'44	'12	'3 189	'94 347	'2 662	'5 663	'68 143	'133 760	'655 716	'852 563	'5 908
3149	Other textile product mills	2	'6	'5	'518	'9 979	'439	'900	'7 062	'19 704	'25 868	'44 555	'149
31499	All other textile product mills ...	2	'6	'5	'518	'9 979	'439	'900	'7 062	'19 704	'25 868	'44 555	'149
314999	All other miscellaneous textile product mills	2	'6	'5	'518	'9 979	'439	'900	'7 062	'19 704	'25 868	'44 555	'149

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)				
MUSCOGEE													
31-33	Manufacturing	1	141	60	11 116	370 867	8 703	16 571	259 704	1 213 141	1 220 491	2 420 654	D
311	Food manufacturing	3	9	3	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	—	9	8	g	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	—	4	3	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	3	3	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	3	3	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	2	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	10	5	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	6	6	h	D	D	D	D	D	D	D	D
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
336	Transportation equipment manufacturing	3	7	6	f	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
NEWTON													
31-33	Manufacturing	—	85	34	5 703	238 853	3 635	7 559	119 260	1 363 200	845 423	2 207 394	69 533
325	Chemical manufacturing	—	9	6	891	38 722	687	1 291	25 632	108 559	173 380	284 169	6 722
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	10	8	1 399	48 300	927	1 868	27 016	236 490	137 282	377 676	6 277
3261	Plastics product manufacturing	—	7	5	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	18	6	905	30 020	606	1 361	18 574	81 674	61 710	139 361	10 472
339	Miscellaneous manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
OCONEE													
31-33	Manufacturing	1	31	10	843	25 435	635	1 155	16 145	82 678	114 549	198 703	2 945
PAULDING													
31-33	Manufacturing	2	48	16	1 097	34 953	819	1 699	25 031	93 799	73 066	166 320	2 814

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)				
PEACH													
31-33	Manufacturing	-	28	10	2 745	71 454	2 049	3 992	58 112	110 407	265 055	379 664	7 765
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
336	Transportation equipment manufacturing	-	6	4	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
PICKENS													
31-33	Manufacturing	-	35	9	942	25 897	605	1 238	15 759	69 577	53 518	125 031	5 048
POLK													
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
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
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
PUTNAM													
31-33	Manufacturing	-	26	15	1 718	48 199	1 503	3 273	37 234	111 455	206 387	316 807	2 654
321	Wood product manufacturing	-	5	5	1 089	32 992	960	2 253	24 955	59 626	120 000	179 313	1 270
3219	Other wood product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
RABUN													
31-33	Manufacturing	-	29	6	1 533	43 101	1 365	2 858	36 104	147 702	168 633	309 831	5 741
313	Textile mills	-	2	2	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
RICHMOND													
31-33	Manufacturing	-	144	58	10 672	455 151	7 109	14 189	299 634	2 106 998	2 167 453	4 319 487	169 309
311	Food manufacturing	1	8	6	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	3	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	6	6	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	3	3	g	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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
RICHMOND—Con.													
325	Chemical manufacturing	-	26	15	2 035	123 816	1 250	2 740	76 278	952 353	859 089	1 835 221	D
3251	Basic chemical manufacturing ...	1	18	9	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	11	3	951	30 469	645	1 382	16 900	107 322	48 897	158 083	D
3271	Clay product and refractory manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
327125	Nonclay refractory manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	-	2	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	20	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	9	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	9	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
ROCKDALE													
31-33	Manufacturing	2	97	36	6 156	222 537	4 193	7 835	121 254	740 767	839 677	1 577 099	39 434
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	574
322	Paper manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	10	3	562	19 810	457	547	11 652	187 091	218 558	401 593	10 153
3259	Other chemical product and preparation manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	7	7	899	28 352	768	1 653	23 007	90 881	65 501	156 811	4 514
3261	Plastics product manufacturing ..	-	6	6	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	1	4	4	756	24 351	652	1 410	20 075	78 134	55 068	133 632	D
326199	All other plastics product manufacturing	1	4	4	756	24 351	652	1 410	20 075	78 134	55 068	133 632	D
333	Machinery manufacturing	9	6	3	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	2	2	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	2	2	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	9	2	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
SCHLEY													
31-33	Manufacturing	-	9	6	601	16 202	530	1 034	12 479	83 912	62 599	146 532	D

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SCREVEN													
31-33	Manufacturing	1	17	4	1 046	29 489	932	1 747	23 572	59 825	78 617	136 822	8 039
332	Fabricated metal product manufacturing	-	5	2	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
SPALDING													
31-33	Manufacturing	-	64	25	5 297	161 524	4 219	7 633	112 490	653 759	671 076	1 339 166	26 850
313	Textile mills	4	3	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills	4	2	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	4	2	2	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	4	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	-	4	3	828	18 213	726	1 447	13 501	97 085	163 106	266 046	D
3141	Textile furnishings mills	-	4	3	828	18 213	726	1 447	13 501	97 085	163 106	266 046	D
31412	Curtain and linen mills	-	4	3	828	18 213	726	1 447	13 501	97 085	163 106	266 046	D
314129	Other household textile product mills	-	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	8	5	1 251	41 838	1 095	2 209	33 636	201 584	118 654	322 590	7 715
3262	Rubber product manufacturing	-	3	3	832	26 418	730	1 415	20 328	133 010	64 330	197 289	4 994
32629	Other rubber product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
STEPHENS													
31-33	Manufacturing	1	57	24	2 944	85 788	2 319	4 690	55 860	238 648	277 070	514 148	14 916
313	Textile mills	-	4	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	10	4	572	18 562	458	985	12 745	40 799	27 322	68 647	2 262
337	Furniture and related product manufacturing	-	14	6	565	14 485	459	900	9 566	47 444	40 674	86 103	5 225
SUMTER													
31-33	Manufacturing	1	34	15	2 397	67 770	1 870	3 998	43 566	311 183	210 733	522 234	D
335	Electrical equipment, appliance, and component manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	3	3	805	28 810	590	1 365	17 171	84 012	53 834	138 185	D
3363	Motor vehicle parts manufacturing	-	1	1	f	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

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)				
TELFAIR													
31-33	Manufacturing	-	11	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
THOMAS													
31-33	Manufacturing	1	59	24	3 499	97 133	2 662	5 391	63 451	239 922	362 532	604 198	18 191
321	Wood product manufacturing	2	9	4	558	12 850	457	883	9 048	24 205	54 095	78 242	1 753
332	Fabricated metal product manufacturing	1	11	5	721	25 636	542	1 064	16 217	83 056	68 680	152 816	1 235
3324	Boiler, tank, and shipping container manufacturing	2	3	3	575	21 494	425	894	13 277	72 776	54 102	127 957	856
TIFT													
31-33	Manufacturing	1	57	22	3 461	96 383	2 713	5 652	66 316	271 607	413 307	690 425	7 134
313	Textile mills	-	4	3	f	D	D	D	D	D	D	D	308
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	-	3	3	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	6	4	595	18 333	483	1 112	11 990	52 013	64 117	116 433	589
TOOMBS													
31-33	Manufacturing	1	34	14	1 528	34 063	1 294	2 310	24 534	74 710	109 876	184 333	4 530
333	Machinery manufacturing	-	1	1	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
TROUP													
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	D
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
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
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
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

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)				
TROUP—Con.													
336	Transportation equipment manufacturing	-	7	7	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	3	3	f	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
UPSON													
31-33	Manufacturing	1	23	15	2 423	73 998	1 962	4 111	53 516	222 421	266 834	488 769	11 204
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
WALKER													
31-33	Manufacturing	1	71	25	6 313	174 850	5 654	11 104	144 694	538 472	843 161	1 373 233	35 253
313	Textile mills	1	10	9	3 216	86 594	2 898	5 814	72 061	216 401	238 857	452 745	D
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
313112	Yarn texturizing, throwing, and twisting mills	-	2	2	f	D	D	D	D	D	D	D	D
3132	Fabric mills	1	2	2	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	1	2	2	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	1	2	2	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills	-	5	4	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills	-	5	4	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	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
335221	Household cooking appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
WALTON													
31-33	Manufacturing	-	49	16	2 095	76 149	1 713	3 451	54 608	218 962	232 183	449 114	15 920
WARE													
31-33	Manufacturing	5	35	15	1 541	41 316	1 132	1 922	22 036	89 830	85 067	175 052	D
321	Wood product manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
WARREN													
31-33	Manufacturing	-	5	5	634	20 110	544	1 145	15 594	28 237	45 464	73 281	D
WAYNE													
31-33	Manufacturing	-	25	11	1 662	73 220	1 312	2 917	54 091	278 291	203 427	477 467	D
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
32211	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
WHITE													
31-33	Manufacturing	1	31	4	598	21 123	491	988	15 621	58 134	43 338	101 720	3 520

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)				
WHITFIELD													
31-33	Manufacturing	3	354	138	22 462	668 668	19 027	40 570	506 364	2 563 777	3 865 733	6 551 305	73 507
313	Textile mills	4	30	14	h	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	4	15	8	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	4	15	8	g	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	7	9	4	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	6	4	f	D	D	D	D	D	D	D	D
314	Textile product mills	3	121	57	14 616	425 981	12 607	26 891	334 974	1 831 517	2 859 995	4 790 073	29 979
3141	Textile furnishings mills	3	101	48	13 384	392 580	11 560	24 588	307 211	1 766 429	2 771 226	4 648 006	26 001
31411	Carpet and rug mills	3	97	45	13 200	388 822	11 383	24 238	303 766	1 753 878	2 759 539	4 623 878	25 903
314110	Carpet and rug mills	3	97	45	13 200	388 822	11 383	24 238	303 766	1 753 878	2 759 539	4 623 878	25 903
3149	Other textile product mills	2	20	9	1 232	33 401	1 047	2 303	27 763	65 088	88 769	142 067	3 978
31499	All other textile product mills ...	2	20	9	1 232	33 401	1 047	2 303	27 763	65 088	88 769	142 067	3 978
314999	All other miscellaneous textile product mills	2	20	9	1 232	33 401	1 047	2 303	27 763	65 088	88 769	142 067	3 978
323	Printing and related support activities	4	39	16	1 033	32 194	791	1 592	20 061	70 685	42 200	109 031	6 475
3231	Printing and related support activities	4	39	16	1 033	32 194	791	1 592	20 061	70 685	42 200	109 031	6 475
32312	Support activities for printing...	1	17	7	f	D	D	D	D	D	D	D	D
323121	Tradebinding and related work	1	17	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	1	29	16	1 206	47 465	916	1 949	31 059	222 957	268 894	493 206	17 141
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	1	5	4	719	28 837	607	1 316	21 596	158 601	187 457	349 519	6 439
32522	Artificial and synthetic fibers and filaments manufacturing ..	3	2	2	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	15	10	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	30	6	522	19 736	379	733	12 147	35 091	37 886	73 217	2 699
WILKES													
31-33	Manufacturing	2	21	10	846	23 448	726	1 420	17 519	78 526	110 104	188 418	4 622
WILKINSON													
31-33	Manufacturing	-	13	4	1 110	50 167	520	1 028	22 288	275 823	98 766	374 451	D
327	Nonmetallic mineral product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
327992	Ground or treated mineral and earth manufacturing ...	-	1	1	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)				
ATHENS-CLARKE COUNTY (CC)													
31-33	Manufacturing	-	98	33	6 966	225 977	5 591	11 315	157 771	603 968	636 664	1 242 855	46 615
311	Food manufacturing	-	6	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
325	Chemical manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
325222	Noncellulosic organic fiber manufacturing	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
332	Fabricated metal product manufacturing	-	16	7	757	25 677	567	1 162	17 517	67 084	81 955	150 222	4 917
333	Machinery manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
AUGUSTA-RICHMOND COUNTY (CC)													
31-33	Manufacturing	-	144	58	10 672	455 151	7 109	14 189	299 634	2 106 998	2 167 453	4 319 487	169 309
311	Food manufacturing	1	8	6	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	-	4	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	-	4	3	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	-	2	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	6	6	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	3	3	g	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
325	Chemical manufacturing	-	26	15	2 035	123 816	1 250	2 740	76 278	952 353	859 089	1 835 221	D
3251	Basic chemical manufacturing ...	1	18	9	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	11	3	951	30 469	645	1 382	16 900	107 322	48 897	158 083	D
3271	Clay product and refractory manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
327125	Nonclay refractory manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	7	2	g	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	-	3	1	g	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	-	2	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments 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)				
AUGUSTA-RICHMOND COUNTY (CC)—Con.													
339	Miscellaneous manufacturing	—	20	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	9	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	9	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
ACWORTH													
31-33	Manufacturing	1	22	8	516	19 178	332	750	10 347	38 031	28 923	66 628	1 493
ADEL													
31-33	Manufacturing	1	19	9	699	19 140	558	1 007	13 497	46 239	83 366	130 647	D
ALBANY													
31-33	Manufacturing	1	67	24	7 060	318 444	5 611	11 399	235 874	2 527 965	1 653 789	4 220 486	210 996
311	Food manufacturing	—	6	3	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
31212	Breweries	9	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	9	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills	—	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
325411	Medicinal and botanical manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	—	2	2	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing	—	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading)	—	1	1	g	D	D	D	D	D	D	D	D
ALPHARETTA													
31-33	Manufacturing	5	50	13	1 404	65 050	833	1 556	29 744	150 764	113 961	266 684	8 424
334	Computer and electronic product manufacturing	5	9	3	768	42 750	384	625	17 507	78 086	66 427	146 407	5 277
AMERICUS													
31-33	Manufacturing	1	21	10	1 376	35 322	1 103	2 476	25 226	224 697	152 032	376 642	D
335	Electrical equipment, appliance, and component manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
ATHENS-CLARKE COUNTY													
31-33	Manufacturing	-	98	33	6 966	225 977	5 591	11 315	157 771	603 968	636 664	1 242 855	46 615
311	Food manufacturing	-	6	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
325	Chemical manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
325222	Noncellulosic organic fiber manufacturing	-	3	3	585	20 157	523	1 105	17 662	32 467	43 322	75 648	D
332	Fabricated metal product manufacturing	-	16	7	757	25 677	567	1 162	17 517	67 084	81 955	150 222	4 917
333	Machinery manufacturing	-	8	4	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
335311	Power, distribution, and specialty transformer manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
ATLANTA													
31-33	Manufacturing	1	'411	'134	'15 002	'546 729	'10 263	'21 164	'322 331	'3 487 780	'1 666 759	'5 158 932	'98 872
311	Food manufacturing	-	36	24	3 534	121 991	2 409	4 889	71 826	2 085 493	471 192	2 565 520	21 524
3118	Bakeries and tortilla manufacturing	2	19	11	h	D	D	D	D	D	D	D	9 215
31181	Bread and bakery product manufacturing	-	14	6	g	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	2	4	4	1 347	45 917	1 074	2 305	30 684	445 533	85 400	533 732	D
311821	Cookie and cracker manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	1	5	3	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	1	5	3	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing	1	2	2	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing	1	2	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	9	8	859	38 896	712	1 552	29 972	130 073	220 110	348 820	5 870
3222	Converted paper product manufacturing	-	7	6	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	5	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	-	95	23	2 265	96 537	1 569	3 095	58 904	217 689	111 054	330 576	7 114
3231	Printing and related support activities	-	95	23	2 265	96 537	1 569	3 095	58 904	217 689	111 054	330 576	7 114
32311	Printing	-	78	19	2 070	85 865	1 433	2 812	51 756	196 506	105 871	304 194	6 760
323110	Commercial lithographic printing	-	40	11	1 288	58 956	888	1 851	35 083	126 828	81 013	209 024	3 428
325	Chemical manufacturing	1	33	13	1 558	58 206	766	1 560	21 787	302 622	191 374	494 142	10 007
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	2	13	5	589	21 954	166	330	4 590	58 304	19 355	77 772	738
32561	Soap and cleaning compound manufacturing	1	9	5	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	'22	'12	'1 107	'46 039	'958	'2 076	'37 286	'143 647	'132 225	'276 267	'18 195
332	Fabricated metal product manufacturing	1	41	13	1 253	39 456	955	1 998	25 620	107 644	64 592	166 667	6 331
3326	Spring and wire product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	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—Con.													
335	Electrical equipment, appliance, and component manufacturing	2	5	2	f	D	D	D	D	D	D	D	
3351	Electric lighting equipment manufacturing	2	4	2	f	D	D	D	D	D	D	D	
33512	Lighting fixture manufacturing ..	2	4	2	f	D	D	D	D	D	D	D	
335121	Residential electric lighting fixture manufacturing	2	3	2	f	D	D	D	D	D	D	D	
339	Miscellaneous manufacturing	5	49	8	883	27 516	588	1 162	13 972	58 211	42 615	100 726	4 841
3399	Other miscellaneous manufacturing	5	33	7	781	23 584	523	1 016	12 009	52 245	40 146	92 291	D
AUGUSTA-RICHMOND COUNTY (BALANCE)													
31-33	Manufacturing	—	144	58	10 672	455 151	7 109	14 189	299 634	2 106 998	2 167 453	4 319 487	169 309
311	Food manufacturing	1	8	6	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	4	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing ..	—	4	3	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering	—	2	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	6	6	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	3	3	g	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
325	Chemical manufacturing	—	26	15	2 035	123 816	1 250	2 740	76 278	952 353	859 089	1 835 221	D
3251	Basic chemical manufacturing ...	1	18	9	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	11	3	951	30 469	645	1 382	16 900	107 322	48 897	158 083	D
3271	Clay product and refractory manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
327125	Nonclay refractory manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	7	2	g	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	—	3	1	g	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	2	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	20	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	—	9	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	—	9	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
AUSTELL													
31-33	Manufacturing	—	20	4	687	27 980	528	971	20 206	86 705	55 404	142 063	4 490
322	Paper manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
BAINBRIDGE													
31-33	Manufacturing	5	14	6	f	D	D	D	D	D	D	D	D
BAXLEY													
31-33	Manufacturing	—	18	8	f	D	D	D	D	D	D	D	2 095
BREMEN													
31-33	Manufacturing	—	7	6	621	13 261	500	948	9 791	43 991	43 191	87 270	1 007

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)				
BRUNSWICK													
31-33	Manufacturing	-	36	10	2 194	104 979	1 532	2 723	67 566	351 398	355 785	693 756	31 923
311	Food manufacturing	-	5	1	f	D	D	D	D	D	D	D	D
3117	Seafood product preparation and packaging	-	3	1	f	D	D	D	D	D	D	D	D
31171	Seafood product preparation and packaging	-	3	1	f	D	D	D	D	D	D	D	D
311712	Fresh and frozen seafood processing	-	3	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
32211	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	-	1	1	f	D	D	D	D	D	D	D	D
BUFORD													
31-33	Manufacturing	1	51	12	1 735	45 450	1 276	2 082	28 035	159 244	131 529	292 396	13 345
333	Machinery manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333991	Power-driven handtool manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
CAIRO													
31-33	Manufacturing	-	9	4	608	18 646	533	1 055	14 961	62 800	36 832	100 834	D
332	Fabricated metal product manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
CALHOUN													
31-33	Manufacturing	2	74	42	7 251	225 833	5 795	12 150	153 969	840 038	2 351 748	3 546 266	31 062
313	Textile mills	5	14	10	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	4	9	7	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	4	9	7	g	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	1	4	3	f	D	D	D	D	D	D	D	2 516
313112	Yarn texturizing, throwing, and twisting mills	6	4	3	f	D	D	D	D	D	D	D	D
314	Textile product mills	1	17	13	3 709	116 317	2 822	6 111	71 954	475 397	1 782 864	2 605 376	7 645
3141	Textile furnishings mills	1	13	11	h	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	1	12	10	h	D	D	D	D	D	D	D	7 169
314110	Carpet and rug mills	1	12	10	h	D	D	D	D	D	D	D	7 169
326	Plastics and rubber products manufacturing	-	10	8	558	19 608	445	925	12 810	76 675	55 697	131 642	10 390
333	Machinery manufacturing	9	5	2	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing	9	2	2	f	D	D	D	D	D	D	D	D
CANTON													
31-33	Manufacturing	1	33	11	1 767	54 847	1 434	2 949	37 447	110 801	186 964	299 559	6 350
311	Food manufacturing	-	2	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

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)
CARROLLTON													
31-33	Manufacturing	-	54	22	3 307	107 323	2 662	5 534	78 331	454 316	1 002 435	1 454 721	33 415
311	Food manufacturing	2	4	2	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
335	Electrical equipment, appliance, and component manufacturing	-	4	3	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing ..	-	3	3	g	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing ..	-	2	2	f	D	D	D	D	D	D	D	D
CARTERSVILLE													
31-33	Manufacturing	1	68	31	4 035	133 380	3 406	7 126	100 916	497 821	685 576	1 195 188	14 454
313	Textile mills	6	7	5	742	18 596	671	1 398	14 904	38 354	79 447	118 780	993
314	Textile product mills	-	11	5	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	9	4	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	-	8	4	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	-	8	4	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	8	7	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	8	7	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	7	5	559	17 013	498	1 021	13 833	53 042	69 483	122 357	1 993
CEDARTOWN													
31-33	Manufacturing	-	21	12	1 392	43 593	1 150	2 377	33 983	178 732	175 160	352 973	6 091
337	Furniture and related product manufacturing	-	1	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
CHAMBLEE													
31-33	Manufacturing	2	51	14	f	D	D	D	D	D	D	D	3 201
CHATSWORTH													
31-33	Manufacturing	3	44	14	2 945	80 261	2 659	5 605	67 122	164 560	631 996	834 536	7 229
313	Textile mills	-	4	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	3	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ..	-	3	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	4	20	8	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	4	18	7	2 048	56 067	1 854	3 965	47 173	69 990	511 624	621 533	4 791
31411	Carpet and rug mills	4	18	7	2 048	56 067	1 854	3 965	47 173	69 990	511 624	621 533	4 791
314110	Carpet and rug mills	4	18	7	2 048	56 067	1 854	3 965	47 173	69 990	511 624	621 533	4 791
COCHRAN													
31-33	Manufacturing	-	6	2	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
COLLEGE PARK													
31-33	Manufacturing	-	13	7	607	17 101	470	924	11 606	71 812	97 521	169 332	5 317

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)				
COLUMBUS													
31-33	Manufacturing	1	141	60	11 116	370 867	8 703	16 571	259 704	1 213 141	1 220 491	2 420 654	D
311	Food manufacturing	3	9	3	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	—	9	8	g	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	—	4	3	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	3	3	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	3	3	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3315	Foundries	—	2	2	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries	—	2	2	f	D	D	D	D	D	D	D	D
331511	Iron foundries	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	10	5	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	6	6	h	D	D	D	D	D	D	D	D
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
336	Transportation equipment manufacturing	3	7	6	f	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
COMMERCE													
31-33	Manufacturing	—	10	4	546	17 237	479	1 030	14 396	40 955	71 889	114 391	D
CONVERS													
31-33	Manufacturing	4	62	22	3 242	110 838	2 312	4 772	70 221	321 701	338 657	661 867	11 287
326	Plastics and rubber products manufacturing	—	5	5	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	9	4	3	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	2	2	g	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	9	2	2	g	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	9	2	2	g	D	D	D	D	D	D	D	D
CORDELE													
31-33	Manufacturing	1	18	10	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	2	2	f	D	D	D	D	D	D	D	D

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)				
CORNELIA													
31-33	Manufacturing	-	23	8	2 543	71 716	2 173	4 450	52 237	163 622	171 994	332 790	D
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	-	1	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
COVINGTON													
31-33	Manufacturing	-	42	22	4 282	185 930	2 591	5 299	86 748	997 642	652 691	1 646 471	54 180
325	Chemical manufacturing	-	8	5	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	6	6	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	4	1 189	39 753	802	1 580	22 370	222 424	125 428	347 315	D
32614	Polystyrene foam product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	8	4	820	26 278	556	1 268	16 898	75 061	52 160	123 202	10 386
339	Miscellaneous manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
339112	Surgical and medical instrument manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
CUMMING													
31-33	Manufacturing	1	42	11	2 374	61 631	2 097	4 408	49 475	247 770	126 316	371 585	9 011
311	Food manufacturing	1	6	4	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	1	4	4	1 977	48 110	1 785	3 783	40 086	216 839	90 951	305 314	5 735
31161	Animal slaughtering and processing	1	4	4	1 977	48 110	1 785	3 783	40 086	216 839	90 951	305 314	5 735
311615	Poultry processing	-	2	2	g	D	D	D	D	D	D	D	D
DAHLONEGA													
31-33	Manufacturing	-	5	3	726	18 472	674	844	10 123	37 136	57 607	94 719	D
DALTON													
31-33	Manufacturing	3	203	93	17 718	521 752	15 135	32 385	400 162	2 138 702	3 305 632	5 552 736	41 095
313	Textile mills	4	19	11	2 327	62 427	2 131	4 917	52 564	178 696	249 396	456 459	3 291
3131	Fiber, yarn, and thread mills	4	10	7	2 075	55 609	1 917	4 446	47 612	168 001	233 827	429 263	3 081
31311	Fiber, yarn, and thread mills ...	4	10	7	2 075	55 609	1 917	4 446	47 612	168 001	233 827	429 263	3 081
313111	Yarn spinning mills	7	6	4	g	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	4	3	f	D	D	D	D	D	D	D	D
314	Textile product mills	3	78	41	11 896	349 968	10 275	21 868	274 290	1 674 563	2 624 429	4 381 258	24 411
3141	Textile furnishings mills	3	67	37	j	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	3	65	35	11 478	340 210	9 908	21 169	266 721	1 654 671	2 608 195	4 345 242	24 195
314110	Carpet and rug mills	3	65	35	11 478	340 210	9 908	21 169	266 721	1 654 671	2 608 195	4 345 242	24 195
323	Printing and related support activities	4	26	11	635	20 399	473	1 006	12 469	45 378	26 850	68 960	2 805
3231	Printing and related support activities	4	26	11	635	20 399	473	1 006	12 469	45 378	26 850	68 960	2 805

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)				
DALTON—Con.													
325	Chemical manufacturing	3	14	8	781	28 450	637	1 372	20 554	84 779	157 539	245 310	2 457
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing	3	4	3	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	3	2	2	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing	3	2	2	f	D	D	D	D	D	D	D	D
DORAVILLE													
31-33	Manufacturing	—	44	8	h	D	D	D	D	D	D	D	2 383
336	Transportation equipment manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33611	Automobile and light duty motor vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336112	Light truck and utility vehicle manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
DOUGLAS													
31-33	Manufacturing	1	30	14	h	D	D	D	D	D	D	D	D
311	Food manufacturing	—	6	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	—	3	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing	—	3	2	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	1	3	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
DUBLIN													
31-33	Manufacturing	4	23	11	3 281	90 510	2 697	5 340	64 009	355 928	288 542	702 240	24 709
314	Textile product mills	9	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	1	1	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	1	1	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing	—	5	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
DULUTH													
31-33	Manufacturing	4	30	12	1 078	41 801	616	1 034	21 022	85 447	82 958	165 342	2 257
EAST POINT													
31-33	Manufacturing	—	27	9	824	31 948	608	1 172	17 941	129 355	130 702	258 913	3 074
EATONTON													
31-33	Manufacturing	—	16	10	1 443	39 695	1 266	2 773	30 321	95 395	183 243	277 508	1 353
321	Wood product manufacturing	—	4	4	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	—	3	3	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	—	1	1	f	D	D	D	D	D	D	D	D

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)				
ELBERTON													
31-33	Manufacturing	-	71	15	2 093	56 686	1 766	3 439	42 073	225 123	98 227	322 987	9 824
311	Food manufacturing	-	3	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
311615	Poultry processing	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	4	50	7	559	17 661	439	893	12 545	33 038	22 966	53 015	D
FAIRBURN													
31-33	Manufacturing	1	18	3	555	17 586	355	706	7 637	48 211	17 880	66 619	D
FITZGERALD													
31-33	Manufacturing	4	24	15	2 401	71 202	2 006	3 912	55 556	146 000	312 836	457 369	10 140
321	Wood product manufacturing	6	4	4	f	D	D	D	D	D	D	D	D
FOREST PARK													
31-33	Manufacturing	-	30	12	1 322	50 482	1 039	2 267	35 015	431 962	235 862	666 802	14 637
FORT VALLEY													
31-33	Manufacturing	-	9	4	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	3	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing	-	2	2	g	D	D	D	D	D	D	D	D
GAINESVILLE													
31-33	Manufacturing	2	93	37	i	D	D	D	D	D	D	D	D
311	Food manufacturing	5	17	12	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	4	5	5	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	4	5	5	g	D	D	D	D	D	D	D	D
311615	Poultry processing	4	5	5	g	D	D	D	D	D	D	D	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
332	Fabricated metal product manufacturing	-	16	2	874	24 447	506	576	7 871	54 780	51 643	107 345	D
3323	Architectural and structural metals manufacturing	-	7	1	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing	-	6	1	f	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	8	4	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
333111	Farm machinery and equipment manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	4	f	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

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)				
GRIFFIN													
31-33	Manufacturing	-	42	16	3 109	97 880	2 321	3 932	65 223	321 474	339 150	660 269	D
326	Plastics and rubber products manufacturing	-	7	5	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	3	3	832	26 418	730	1 415	20 328	133 010	64 330	197 289	4 994
32629	Other rubber product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
GROVETOWN													
31-33	Manufacturing	-	3	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HAPEVILLE													
31-33	Manufacturing	-	5	2	g	D	D	D	D	D	D	D	56
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
336111	Automobile manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
HARTWELL													
31-33	Manufacturing	-	18	8	1 627	45 046	1 395	3 133	35 413	89 455	112 410	202 918	3 644
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
HAZLEHURST													
31-33	Manufacturing	-	16	3	1 158	32 243	963	1 680	23 145	67 027	84 663	149 899	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
JEFFERSON													
31-33	Manufacturing	3	12	7	642	19 687	517	1 031	15 115	52 223	47 563	98 556	D
JESUP													
31-33	Manufacturing	-	12	8	f	D	D	D	D	D	D	D	D
KENNESAW													
31-33	Manufacturing	5	57	19	1 466	55 442	906	1 793	25 170	171 415	145 193	316 320	7 248

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)				
LA FAYETTE													
31-33	Manufacturing	-	20	11	3 312	87 630	3 051	5 866	76 289	276 290	656 587	927 162	D
313	Textile mills	-	6	5	f	D	D	D	D	D	D	D	D
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
313112	Yarn texturizing, throwing, and twisting mills	-	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
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
335221	Household cooking appliance manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
LAGRANGE													
31-33	Manufacturing	-	49	24	3 461	120 300	2 518	5 274	72 550	326 130	401 880	732 625	14 792
314	Textile product mills	-	6	4	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	-	3	3	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	-	3	3	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	-	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	6	6	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	4	4	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
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
LAKE CITY													
31-33	Manufacturing	6	12	6	743	18 940	593	1 090	10 995	35 958	56 876	92 729	2 123
LAWRENCEVILLE													
31-33	Manufacturing	3	76	27	3 104	118 501	2 297	4 729	70 337	380 411	320 040	696 912	16 865
326	Plastics and rubber products manufacturing	1	5	5	503	19 339	401	776	12 168	65 285	63 037	127 212	3 983
3261	Plastics product manufacturing ..	1	5	5	503	19 339	401	776	12 168	65 285	63 037	127 212	3 983
LILBURN													
31-33	Manufacturing	3	45	13	729	27 593	499	1 024	13 786	53 831	28 352	82 347	1 605
LOUISVILLE													
31-33	Manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
MCDONOUGH													
31-33	Manufacturing	-	15	7	1 318	46 949	840	1 745	23 242	310 931	290 288	592 896	3 980
333	Machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
MACON													
31-33	Manufacturing	4	104	22	h	D	D	D	D	D	D	D	D
311	Food manufacturing	9	15	3	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	9	9	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	—	5	4	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327993	Mineral wool manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	—	14	3	g	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing	—	5	1	g	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
339993	Fastener, button, needle, and pin manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
MCRAE													
31-33	Manufacturing	—	4	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
MADISON													
31-33	Manufacturing	1	11	7	714	21 204	550	1 173	13 248	64 391	67 052	132 553	12 088
MANCHESTER													
31-33	Manufacturing	—	4	3	655	20 806	520	1 132	12 205	110 721	56 360	170 858	5 108
332	Fabricated metal product manufacturing	—	1	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
33299	All other fabricated metal product manufacturing	—	1	1	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
MARIETTA													
31-33	Manufacturing	1	144	47	4 945	203 371	3 353	7 074	108 449	569 646	454 408	1 029 741	41 384
311	Food manufacturing	1	13	6	1 057	31 687	904	2 081	22 977	79 389	105 638	182 421	3 099
3116	Animal slaughtering and processing	1	2	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	1	2	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing	—	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	7	5	725	34 155	547	1 254	21 134	89 868	95 591	186 592	6 135
3222	Converted paper product manufacturing	—	6	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	44	11	608	26 006	407	744	13 443	55 851	25 388	80 813	3 142
3231	Printing and related support activities	1	44	11	608	26 006	407	744	13 443	55 851	25 388	80 813	3 142
32311	Printing	1	41	9	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	1	13	6	747	27 838	453	899	12 404	64 440	52 928	121 217	6 563

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)
MILLEDGEVILLE													
31-33	Manufacturing	-	17	6	g	D	D	D	D	D	D	D	
333	Machinery manufacturing	-	2	1	g	D	D	D	D	D	D	D	
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	1	1	g	D	D	D	D	D	D	D	
MILLEN													
31-33	Manufacturing	-	7	3	f	D	D	D	D	D	D	D	
MONROE													
31-33	Manufacturing	-	25	9	1 224	36 964	1 033	1 985	27 480	128 132	104 754	232 170	7 123
MOULTRIE													
31-33	Manufacturing	-	29	9	1 237	28 257	1 089	2 250	22 187	65 912	149 084	215 058	5 288
315	Apparel manufacturing	-	3	3	f	D	D	D	D	D	D	D	
3152	Cut and sew apparel manufacturing	-	3	3	f	D	D	D	D	D	D	D	
31522	Men's and boys' cut and sew apparel manufacturing	-	3	3	f	D	D	D	D	D	D	D	
315225	Men's and boys' cut and sew work clothing manufacturing	-	3	3	f	D	D	D	D	D	D	D	
NASHVILLE													
31-33	Manufacturing	-	10	3	g	D	D	D	D	D	D	D	
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	
31321	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	
313210	Broadwoven fabric mills	-	1	1	f	D	D	D	D	D	D	D	
336	Transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	
3366	Ship and boat building	-	1	1	f	D	D	D	D	D	D	D	
33661	Ship and boat building	-	1	1	f	D	D	D	D	D	D	D	
336612	Boat building	-	1	1	f	D	D	D	D	D	D	D	
NEWMAN													
31-33	Manufacturing	4	35	11	1 502	49 768	1 153	2 377	33 079	150 169	166 272	317 608	11 322
331	Primary metal manufacturing	3	4	2	f	D	D	D	D	D	D	D	
3313	Alumina and aluminum production and processing	3	3	2	f	D	D	D	D	D	D	D	
33131	Alumina and aluminum production and processing	3	3	2	f	D	D	D	D	D	D	D	
331316	Aluminum extruded product manufacturing	2	2	2	f	D	D	D	D	D	D	D	
NORCROSS													
31-33	Manufacturing	3	79	28	3 552	151 746	2 039	4 105	69 491	207 674	258 741	497 570	18 166
335	Electrical equipment, appliance, and component manufacturing	-	1	1	g	D	D	D	D	D	D	D	
3359	Other electrical equipment and component manufacturing	-	1	1	g	D	D	D	D	D	D	D	
33592	Communication and energy wire and cable manufacturing	-	1	1	g	D	D	D	D	D	D	D	
335921	Fiber optic cable manufacturing	-	1	1	g	D	D	D	D	D	D	D	
OAKWOOD													
31-33	Manufacturing	-	6	3	f	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)				
PEACHTREE CITY													
31-33	Manufacturing	-	45	27	4 074	169 401	2 400	4 921	73 262	445 477	810 606	1 268 253	23 334
334	Computer and electronic product manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
PERRY													
31-33	Manufacturing	-	10	7	f	D	D	D	D	D	D	D	4 345
PORT WENTWORTH													
31-33	Manufacturing	6	6	5	755	42 722	579	1 277	32 848	134 783	414 012	539 508	43 738
ROCKMART													
31-33	Manufacturing	-	8	3	g	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	-	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
ROME													
31-33	Manufacturing	1	82	29	4 825	142 447	3 932	8 337	100 455	378 883	557 712	939 310	47 164
311	Food manufacturing	-	5	3	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	-	2	1	f	D	D	D	D	D	D	D	D
313	Textile mills	5	5	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	4	3	2	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	4	3	2	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	4	3	2	f	D	D	D	D	D	D	D	D
314	Textile product mills	2	7	3	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	2	6	3	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	2	4	3	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	2	4	3	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing	-	5	5	f	D	D	D	D	D	D	D	D
ROSSVILLE													
31-33	Manufacturing	5	9	4	637	16 827	569	1 116	13 697	42 831	42 742	85 545	D
ROSWELL													
31-33	Manufacturing	6	59	9	809	37 626	482	881	16 310	106 912	80 181	178 092	4 534
ST. MARYS													
31-33	Manufacturing	-	9	4	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	4	3	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

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			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
SAVANNAH													
31-33	Manufacturing	—	122	34	8 679	443 262	6 081	12 841	266 989	1 461 115	2 528 380	3 948 309	D
311	Food manufacturing	2	17	5	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	—	1	1	f	D	D	D	D	D	D	D	D
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
325	Chemical manufacturing	8	16	5	581	24 636	432	844	16 493	129 730	149 182	281 078	D
336	Transportation equipment manufacturing	—	4	2	h	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	—	1	1	h	D	D	D	D	D	D	D	D
SMYRNA													
31-33	Manufacturing	4	51	15	1 305	61 826	878	1 789	35 805	187 716	139 415	329 228	15 460
STATESBORO													
31-33	Manufacturing	3	36	8	1 145	34 635	879	1 922	21 499	89 341	76 979	168 801	D
SUWANEE													
31-33	Manufacturing	2	42	10	724	19 917	473	944	12 581	50 777	53 604	104 980	1 613
SWAINSBORO													
31-33	Manufacturing	—	17	9	755	19 926	642	1 175	15 451	38 181	61 926	100 314	3 759
SYLVANIA													
31-33	Manufacturing	—	9	2	877	25 085	787	1 474	20 324	50 356	65 391	114 074	D
332	Fabricated metal product manufacturing	—	3	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
TALLAPOOSA													
31-33	Manufacturing	1	15	7	1 212	40 261	1 057	2 315	33 023	87 243	137 164	222 609	5 651
332	Fabricated metal product manufacturing	—	4	2	f	D	D	D	D	D	D	D	D
THOMASTON													
31-33	Manufacturing	2	10	9	1 308	35 188	1 053	2 043	24 950	82 965	112 668	197 269	6 404
THOMASVILLE													
31-33	Manufacturing	1	37	17	2 473	70 973	1 815	3 753	44 931	186 330	284 008	470 725	16 470
TIFTON													
31-33	Manufacturing	2	40	15	1 913	51 758	1 377	2 764	33 373	161 434	280 674	448 211	5 555
TOCCOA													
31-33	Manufacturing	1	34	15	1 834	50 497	1 513	3 159	34 589	141 661	145 999	285 845	10 494
313	Textile mills	—	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	3	8	4	f	D	D	D	D	D	D	D	D
VALDOSTA													
31-33	Manufacturing	—	73	30	3 784	109 091	2 862	5 544	73 208	422 302	785 398	1 206 389	32 065
311	Food manufacturing	—	12	8	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	1	6	5	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	1	6	5	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	2	3	3	f	D	D	D	D	D	D	D	D

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NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
VIDALIA													
31-33	Manufacturing	-	24	10	1 232	28 808	1 064	1 951	21 412	64 284	104 807	169 400	D
333	Machinery manufacturing	-	1	1	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
VILLA RICA													
31-33	Manufacturing	-	25	15	1 455	52 314	1 034	1 994	33 600	180 096	187 811	366 609	3 929
WAYCROSS													
31-33	Manufacturing	6	23	10	1 147	31 372	842	1 417	15 546	60 525	59 402	120 142	D
321	Wood product manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing	6	4	3	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing	7	3	2	f	D	D	D	D	D	D	D	D
WAYNESBORO													
31-33	Manufacturing	-	10	6	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
3325	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
WINDER													
31-33	Manufacturing	-	26	6	f	D	D	D	D	D	D	D	D
WOODSTOCK													
31-33	Manufacturing	3	30	6	586	19 439	391	739	10 633	33 355	24 543	58 421	6 389
BALANCE OF ATKINSON COUNTY													
31-33	Manufacturing	-	14	6	975	25 831	838	1 516	20 107	73 648	65 195	133 232	739
321	Wood product manufacturing	-	5	4	f	D	D	D	D	D	D	D	D
BALANCE OF BARROW COUNTY													
31-33	Manufacturing	-	23	9	1 343	41 576	1 150	2 220	32 326	130 199	164 945	294 764	25 553
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	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	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 BARTOW COUNTY													
31-33	Manufacturing	-	43	17	3 824	160 931	2 813	5 995	102 156	889 225	616 672	1 504 007	48 816
312	Beverage and tobacco product manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3121	Beverage manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
31212	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
312120	Breweries	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	3	2	f	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 ..	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF BEN HILL COUNTY													
31-33	Manufacturing	-	6	5	853	25 437	733	1 617	18 263	58 828	60 284	119 338	D
313	Textile mills	-	1	1	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	1	1	f	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF BIBB COUNTY													
31-33	Manufacturing	-	55	22	i	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3122	Tobacco manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	6	5	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	-	5	4	f	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF BULLOCH COUNTY													
31-33	Manufacturing	-	15	5	1 203	34 362	1 002	1 517	26 031	93 497	228 415	313 003	D
333	Machinery manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF BUTTS COUNTY													
31-33	Manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF CARROLL COUNTY													
31-33	Manufacturing	2	47	17	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing	3	5	4	594	11 382	509	1 009	8 886	16 927	11 248	28 334	D
3152	Cut and sew apparel manufacturing	3	5	4	594	11 382	509	1 009	8 886	16 927	11 248	28 334	D

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	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 CATOOSA COUNTY													
31-33	Manufacturing	-	42	13	g	D	D	D	D	D	D	D	19 185
313	Textile mills	-	5	3	f	D	D	D	D	D	D	D	D
BALANCE OF CHATHAM COUNTY													
31-33	Manufacturing	1	31	14	2 164	81 199	1 500	3 175	50 715	198 661	340 917	527 811	44 920
311	Food manufacturing	5	3	2	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	5	4	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building	5	4	2	f	D	D	D	D	D	D	D	D
33661	Ship and boat building	5	4	2	f	D	D	D	D	D	D	D	D
336612	Boat building	5	3	2	f	D	D	D	D	D	D	D	D
BALANCE OF CHATTOOGA COUNTY													
31-33	Manufacturing	5	16	7	h	D	D	D	D	D	D	D	D
313	Textile mills	-	2	2	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	1	1	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	1	1	g	D	D	D	D	D	D	D	D
313111	Yarn spinning mills	-	1	1	g	D	D	D	D	D	D	D	D
314	Textile product mills	9	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	9	2	1	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	2	1	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	9	2	1	f	D	D	D	D	D	D	D	D
BALANCE OF CHEROKEE COUNTY													
31-33	Manufacturing	2	84	15	1 305	36 229	907	1 808	21 996	97 768	102 504	204 897	5 608
BALANCE OF CLAYTON COUNTY													
31-33	Manufacturing	3	80	26	2 718	96 700	2 051	3 885	63 934	283 934	313 481	589 652	13 705
327	Nonmetallic mineral product manufacturing	-	9	8	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	4	f	D	D	D	D	D	D	D	D
BALANCE OF CLINCH COUNTY													
31-33	Manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
BALANCE OF COBB COUNTY													
31-33	Manufacturing	-	291	67	13 040	694 039	6 722	12 148	261 962	1 994 147	1 160 087	3 159 445	111 615
321	Wood product manufacturing	1	10	6	747	21 690	580	1 143	14 179	51 400	62 914	114 321	2 026
3219	Other wood product manufacturing	1	8	4	f	D	D	D	D	D	D	D	D
32191	Millwork	1	7	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	57	10	564	24 210	351	740	12 700	51 003	40 373	91 106	1 231
3231	Printing and related support activities	1	57	10	564	24 210	351	740	12 700	51 003	40 373	91 106	1 231
332	Fabricated metal product manufacturing	-	35	9	742	26 385	522	1 066	15 314	54 393	75 347	130 142	2 723
3323	Architectural and structural metals manufacturing	-	18	6	500	15 282	371	759	10 046	26 218	33 513	59 683	1 060
336	Transportation equipment manufacturing	-	2	1	i	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing	-	1	1	i	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing	-	1	1	i	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 COFFEE COUNTY													
31-33	Manufacturing	1	13	6	f	D	D	D	D	D	D	D	D
BALANCE OF COLQUITT COUNTY													
31-33	Manufacturing	1	27	8	814	19 995	675	1 273	14 703	37 977	68 192	106 648	1 642
BALANCE OF COLUMBIA COUNTY													
31-33	Manufacturing	-	53	15	h	D	D	D	D	D	D	D	D
323	Printing and related support activities	9	7	2	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities	9	7	2	g	D	D	D	D	D	D	D	D
32311	Printing	9	7	2	g	D	D	D	D	D	D	D	D
323111	Commercial gravure printing ..	9	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF COWETA COUNTY													
31-33	Manufacturing	-	49	22	3 487	125 716	2 322	4 743	62 444	380 070	820 648	1 209 130	64 823
332	Fabricated metal product manufacturing	2	14	6	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	4	4	g	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF DADE COUNTY													
31-33	Manufacturing	1	24	8	894	25 189	761	1 543	18 810	78 538	65 490	143 025	5 313
BALANCE OF DAWSON COUNTY													
31-33	Manufacturing	3	21	7	709	27 987	483	971	14 448	55 509	39 522	96 443	10 240
BALANCE OF DECATUR COUNTY													
31-33	Manufacturing	-	10	4	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing	-	2	2	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

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E1	All establishments 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 DEKALB COUNTY													
31-33	Manufacturing	1	'458	152	'14 787	'543 931	'10 500	'21 738	'321 153	'1 775 420	'1 552 419	'3 322 297	'93 843
311	Food manufacturing	-	39	15	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing	-	20	7	g	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing	-	17	5	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries	1	8	4	g	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	17	11	g	D	D	D	D	D	D	D	4 451
3222	Converted paper product manufacturing	-	17	11	g	D	D	D	D	D	D	D	4 451
32221	Paperboard container manufacturing	-	10	8	g	D	D	D	D	D	D	D	3 189
322211	Corrugated and solid fiber box manufacturing	-	7	6	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	1	'96	16	g	D	D	D	D	D	D	D	'25 041
3231	Printing and related support activities	1	'96	16	g	D	D	D	D	D	D	D	'25 041
32311	Printing	1	'89	15	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing	1	'42	10	g	D	D	D	D	D	D	D	'22 673
325	Chemical manufacturing	-	30	12	723	32 421	417	770	16 415	229 334	179 572	406 822	12 014
326	Plastics and rubber products manufacturing	2	21	12	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	2	20	12	g	D	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	3	26	13	g	D	D	D	D	D	D	D	5 616
332	Fabricated metal product manufacturing	1	52	23	1 397	51 380	1 021	2 144	30 913	118 586	94 071	212 964	8 184
3323	Architectural and structural metals manufacturing	1	22	12	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing	3	24	9	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	-	7	3	1 129	36 522	942	1 925	26 611	125 075	148 779	272 911	5 251
3353	Electrical equipment manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	4	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ..	-	2	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing	5	33	9	f	D	D	D	D	D	D	D	600
339	Miscellaneous manufacturing	1	49	14	g	D	D	D	D	D	D	D	2 740
3399	Other miscellaneous manufacturing	-	28	8	f	D	D	D	D	D	D	D	1 747
BALANCE OF DOUGLAS COUNTY													
31-33	Manufacturing	2	76	23	3 578	101 801	2 321	4 708	61 551	268 875	279 202	547 588	15 262
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	-	2	1	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing	-	2	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	1	14	4	f	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing	1	5	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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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 EARLY COUNTY													
31-33	Manufacturing	-	6	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing	-	2	1	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills	-	1	1	f	D	D	D	D	D	D	D	D
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 EFFINGHAM COUNTY													
31-33	Manufacturing	-	12	5	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 ELBERT COUNTY													
31-33	Manufacturing	1	48	12	782	22 683	640	1 250	17 437	49 133	31 341	79 423	2 620
327	Nonmetallic mineral product manufacturing	1	41	12	747	21 624	612	1 198	16 689	45 270	27 698	71 860	D
3279	Other nonmetallic mineral product manufacturing	1	39	12	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	1	39	12	f	D	D	D	D	D	D	D	D
327991	Cut stone and stone product manufacturing	1	39	12	f	D	D	D	D	D	D	D	D
BALANCE OF EMANUEL COUNTY													
31-33	Manufacturing	-	17	5	1 222	26 523	1 050	2 361	17 784	115 311	86 816	201 931	5 328
311	Food manufacturing	-	4	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	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF EVANS COUNTY													
31-33	Manufacturing	7	14	7	1 870	36 473	1 668	3 408	31 473	172 159	65 454	238 048	4 391
311	Food manufacturing	9	3	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	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 FANNIN COUNTY													
31-33	Manufacturing	1	27	6	732	12 708	647	804	9 318	46 019	40 075	87 559	1 574
BALANCE OF FLOYD COUNTY													
31-33	Manufacturing	-	37	18	2 728	107 876	2 353	4 777	86 161	356 774	483 867	848 496	17 767
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

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 FORSYTH COUNTY													
31-33	Manufacturing	1	'127	'35	'4 338	'175 465	2 837	5 386	89 403	'567 455	'660 682	'1 239 293	'11 909
332	Fabricated metal product manufacturing	2	24	9	952	36 938	690	1 387	21 321	111 950	55 149	168 305	1 972
335	Electrical equipment, appliance, and component manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing	-	3	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing	-	8	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	-	4	2	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing	-	1	1	f	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF FRANKLIN COUNTY													
31-33	Manufacturing	-	47	18	2 351	76 486	1 863	3 898	50 464	320 078	190 471	514 800	9 512
313	Textile mills	-	6	6	793	20 106	736	1 539	19 070	35 442	64 584	102 782	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
BALANCE OF FULTON COUNTY													
31-33	Manufacturing	1	211	79	9 275	363 344	6 714	13 999	227 191	1 450 273	1 519 656	2 915 793	113 998
311	Food manufacturing	-	22	11	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	6	3	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	4	34	9	1 063	47 683	537	1 091	16 872	78 725	77 621	153 940	17 385
3231	Printing and related support activities	4	34	9	1 063	47 683	537	1 091	16 872	78 725	77 621	153 940	17 385
32311	Printing	3	30	9	1 040	46 943	520	1 058	16 381	77 397	77 197	152 188	17 349
326	Plastics and rubber products manufacturing	-	24	14	1 488	53 900	1 228	2 680	39 129	190 094	158 384	346 292	12 259
3261	Plastics product manufacturing ..	-	24	14	1 488	53 900	1 228	2 680	39 129	190 094	158 384	346 292	12 259
32616	Plastics bottle manufacturing ..	-	6	6	f	D	D	D	D	D	D	D	D
326160	Plastics bottle manufacturing	-	6	6	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing	2	23	12	745	24 194	505	903	14 068	63 555	64 894	122 478	3 603
337	Furniture and related product manufacturing	7	12	4	755	20 670	606	1 086	12 975	43 135	31 473	74 596	D
3372	Office furniture (including fixtures) manufacturing	9	7	2	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing	9	7	2	f	D	D	D	D	D	D	D	D
337211	Wood office furniture manufacturing	9	2	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	-	19	2	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing	-	7	1	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing	-	7	1	f	D	D	D	D	D	D	D	D
339115	Ophthalmic goods manufacturing	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E ¹	Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)					Wages (\$1,000)
BALANCE OF GILMER COUNTY													
31-33	Manufacturing	-	31	9	2 841	66 215	2 583	4 656	53 205	129 857	175 121	300 603	2 874
311	Food manufacturing	-	3	1	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
314	Textile product mills	-	3	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
31411	Carpet and rug mills	-	3	3	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills	-	3	3	f	D	D	D	D	D	D	D	D
BALANCE OF GLYNN COUNTY													
31-33	Manufacturing	-	32	6	836	30 424	545	1 111	19 965	60 741	156 695	220 472	4 763
BALANCE OF GORDON COUNTY													
31-33	Manufacturing	-	35	17	1 095	29 860	892	1 793	19 537	92 091	185 464	277 555	7 550
BALANCE OF GWINNETT COUNTY													
31-33	Manufacturing	1	405	136	14 177	570 417	8 640	17 230	268 185	1 395 464	1 388 784	2 775 863	89 220
311	Food manufacturing	2	20	9	1 269	34 488	912	1 998	21 273	91 575	156 069	245 435	4 385
3118	Bakeries and tortilla manufacturing	6	11	5	f	D	D	D	D	D	D	D	D
323	Printing and related support activities	3	85	16	970	34 988	624	1 183	19 853	76 227	42 261	118 439	2 539
3231	Printing and related support activities	3	85	16	970	34 988	624	1 183	19 853	76 227	42 261	118 439	2 539
32311	Printing	3	74	15	f	D	D	D	D	D	D	D	2 347
325	Chemical manufacturing	4	21	9	1 504	67 293	645	1 304	27 722	165 625	147 674	312 116	10 350
3254	Pharmaceutical and medicine manufacturing	1	5	5	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing	1	5	5	f	D	D	D	D	D	D	D	D
325413	In-vitro diagnostic substance manufacturing	2	3	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing	-	18	12	995	31 533	842	1 435	22 236	86 688	89 264	173 013	10 182
3261	Plastics product manufacturing ..	-	16	12	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing	-	13	11	955	30 051	811	1 371	21 228	82 389	84 114	164 048	9 887
326199	All other plastics product manufacturing	-	12	10	f	D	D	D	D	D	D	D	9 887
332	Fabricated metal product manufacturing	2	35	10	1 069	36 983	825	1 689	24 028	79 851	57 518	137 558	3 402
3323	Architectural and structural metals manufacturing	-	10	6	740	25 162	581	1 209	16 358	51 569	40 298	92 177	2 192
33232	Ornamental and architectural metal products manufacturing	1	6	3	582	19 075	466	976	12 604	32 783	32 081	64 980	D
333	Machinery manufacturing	-	28	10	1 075	46 342	602	1 242	19 017	117 177	147 022	261 834	1 948
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing	-	6	5	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing	-	3	3	f	D	D	D	D	D	D	D	489

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF GWINNETT COUNTY—Con.													
334	Computer and electronic product manufacturing	2	48	22	3 592	163 071	1 622	3 428	50 103	360 786	315 721	678 201	13 475
3341	Computer and peripheral equipment manufacturing	—	7	2	602	17 716	176	515	6 720	53 946	25 179	80 153	D
33411	Computer and peripheral equipment manufacturing	—	7	2	602	17 716	176	515	6 720	53 946	25 179	80 153	D
334113	Computer terminal manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing	1	12	7	1 278	76 231	495	949	17 165	131 377	151 398	283 489	6 072
33422	Radio and television broadcasting and wireless communications equipment manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
334220	Radio and television broadcasting and wireless communications equipment manufacturing	—	8	4	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing	3	16	10	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing	3	16	10	g	D	D	D	D	D	D	D	D
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables	—	6	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing	1	51	13	1 390	73 360	833	1 485	32 828	180 399	128 376	309 140	3 803
3391	Medical equipment and supplies manufacturing	—	29	7	974	58 013	531	928	23 836	149 853	104 281	254 233	2 825
33911	Medical equipment and supplies manufacturing	—	29	7	974	58 013	531	928	23 836	149 853	104 281	254 233	2 825
BALANCE OF HABERSHAM COUNTY													
31-33	Manufacturing	2	44	12	1 751	43 430	1 433	2 794	32 040	106 471	231 021	338 685	D
313	Textile mills	2	4	4	f	D	D	D	D	D	D	D	D
3132	Fabric mills	—	2	2	f	D	D	D	D	D	D	D	D
BALANCE OF HALL COUNTY													
31-33	Manufacturing	2	137	58	9 407	266 311	7 680	14 404	189 972	1 041 873	1 555 555	2 608 264	129 481
311	Food manufacturing	3	17	13	4 443	93 747	3 998	7 350	75 898	468 628	920 425	1 388 075	D
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	—	7	5	3 204	71 229	2 940	6 169	60 216	107 680	343 807	450 391	5 351
31161	Animal slaughtering and processing	—	7	5	3 204	71 229	2 940	6 169	60 216	107 680	343 807	450 391	5 351
311615	Poultry processing	—	5	4	h	D	D	D	D	D	D	D	D
325	Chemical manufacturing	—	9	6	575	21 548	341	781	10 469	71 846	142 829	216 052	D
336	Transportation equipment manufacturing	—	7	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	4	3	f	D	D	D	D	D	D	D	D
BALANCE OF HARRIS COUNTY													
31-33	Manufacturing	—	21	3	g	D	D	D	D	D	D	D	D
311	Food manufacturing	—	2	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 HENRY COUNTY													
31-33	Manufacturing	—	43	17	1 422	47 567	1 127	2 431	33 538	194 105	220 031	412 338	15 647

See footnotes at end of table.

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

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NAICS code	Geographic area and industry	E1	All establishments 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 HOUSTON COUNTY													
31-33	Manufacturing	-	20	5	g	D	D	D	D	D	D	D	D
311	Food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
3119	Other food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
31191	Snack food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing	-	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing	-	5	3	f	D	D	D	D	D	D	D	D
BALANCE OF JACKSON COUNTY													
31-33	Manufacturing	1	45	17	3 131	91 034	2 811	5 520	75 294	310 614	307 200	606 827	15 536
311	Food manufacturing	-	7	4	2 027	47 535	1 940	3 779	43 635	172 217	145 155	306 469	3 468
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
BALANCE OF JASPER COUNTY													
31-33	Manufacturing	-	25	12	949	32 305	813	1 697	25 197	73 703	133 536	206 752	4 458
321	Wood product manufacturing	-	11	7	f	D	D	D	D	D	D	D	569
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
BALANCE OF JEFFERSON COUNTY													
31-33	Manufacturing	-	23	8	f	D	D	D	D	D	D	D	D
BALANCE OF LAURENS COUNTY													
31-33	Manufacturing	-	21	7	826	40 600	688	1 288	32 246	140 572	180 904	321 061	D
BALANCE OF LIBERTY COUNTY													
31-33	Manufacturing	-	12	5	f	D	D	D	D	D	D	D	D
BALANCE OF LOWNDES COUNTY													
31-33	Manufacturing	-	31	10	875	36 210	692	1 474	26 328	109 910	154 390	323 055	D
322	Paper manufacturing	-	3	3	518	26 068	413	905	18 914	108 025	92 333	199 952	D
BALANCE OF MCDUFFIE COUNTY													
31-33	Manufacturing	2	18	8	1 351	37 479	1 107	2 270	26 931	76 821	152 587	228 817	D
313	Textile mills	1	2	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	1	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF MADISON COUNTY													
31-33	Manufacturing	-	23	5	531	15 406	449	848	12 379	43 726	68 936	113 826	1 693
BALANCE OF MARION COUNTY													
31-33	Manufacturing	5	5	2	g	D	D	D	D	D	D	D	D
311	Food manufacturing	9	1	1	f	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing	9	1	1	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing	9	1	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
BALANCE OF MERIWETHER COUNTY													
31-33	Manufacturing	-	12	6	704	22 878	607	1 331	18 654	50 817	94 977	145 226	5 604
321	Wood product manufacturing	-	3	3	539	19 205	490	1 116	16 553	40 537	71 323	110 687	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)				
BALANCE OF MITCHELL COUNTY													
31-33	Manufacturing	-	9	4	2 180	56 317	1 993	4 714	48 442	85 427	128 993	221 736	D
311	Food manufacturing	-	3	1	g	D	D	D	D	D	D	D	303
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 MORGAN COUNTY													
31-33	Manufacturing	3	15	5	867	25 197	786	1 629	21 685	48 702	77 872	125 012	2 606
BALANCE OF MURRAY COUNTY													
31-33	Manufacturing	3	50	18	2 453	71 408	1 929	4 022	45 586	136 100	302 435	461 535	4 880
313	Textile mills	2	2	2	f	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills	-	1	1	f	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills	-	1	1	f	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills	-	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills	3	30	9	g	D	D	D	D	D	D	D	D
3141	Textile furnishings mills	4	'26	'5	'1 141	'38 280	'808	'1 698	'20 970	'63 770	'144 092	'231 030	'1 117
31411	Carpet and rug mills	4	'26	'5	'1 141	'38 280	'808	'1 698	'20 970	'63 770	'144 092	'231 030	'1 117
314110	Carpet and rug mills	4	'26	'5	'1 141	'38 280	'808	'1 698	'20 970	'63 770	'144 092	'231 030	'1 117
BALANCE OF NEWTON COUNTY													
31-33	Manufacturing	-	43	12	1 421	52 923	1 044	2 260	32 512	365 558	192 732	560 923	15 353
BALANCE OF OCONEE COUNTY													
31-33	Manufacturing	1	31	10	843	25 435	635	1 155	16 145	82 678	114 549	198 703	2 945
BALANCE OF PAULDING COUNTY													
31-33	Manufacturing	2	33	11	867	27 837	644	1 339	19 771	64 981	49 216	114 013	1 925
BALANCE OF PEACH COUNTY													
31-33	Manufacturing	1	6	3	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
BALANCE OF PICKENS COUNTY													
31-33	Manufacturing	-	35	9	942	25 897	605	1 238	15 759	69 577	53 518	125 031	5 048
BALANCE OF RABUN COUNTY													
31-33	Manufacturing	-	29	6	1 533	43 101	1 365	2 858	36 104	147 702	168 633	309 831	5 741
313	Textile mills	-	2	2	g	D	D	D	D	D	D	D	D
3132	Fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills	-	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF ROCKDALE COUNTY													
31-33	Manufacturing	-	35	14	2 914	111 699	1 881	3 063	51 033	419 066	501 020	915 232	28 147
311	Food manufacturing	-	3	2	f	D	D	D	D	D	D	D	574
322	Paper manufacturing	-	3	3	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing	-	2	2	f	D	D	D	D	D	D	D	D
BALANCE OF SCHLEY COUNTY													
31-33	Manufacturing	-	9	6	601	16 202	530	1 034	12 479	83 912	62 599	146 532	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
BALANCE OF SPALDING COUNTY													
31-33	Manufacturing	—	22	9	2 188	63 644	1 898	3 701	47 267	332 285	331 926	678 897	D
313	Textile mills	4	3	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills	4	2	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	4	2	2	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	4	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing	—	2	1	f	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF STEPHENS COUNTY													
31-33	Manufacturing	1	23	9	1 110	35 291	806	1 531	21 271	96 987	131 071	228 303	4 422
BALANCE OF SUMTER COUNTY													
31-33	Manufacturing	—	13	5	1 021	32 448	767	1 522	18 340	86 486	58 701	145 592	D
336	Transportation equipment manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
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
BALANCE OF THOMAS COUNTY													
31-33	Manufacturing	2	22	7	1 026	26 160	847	1 638	18 520	53 592	78 524	133 473	1 721
BALANCE OF TIFT COUNTY													
31-33	Manufacturing	—	17	7	1 548	44 625	1 336	2 888	32 943	110 173	132 633	242 214	1 579
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
BALANCE OF TROUP COUNTY													
31-33	Manufacturing	—	42	28	4 698	171 645	3 811	8 033	123 959	543 747	654 256	1 197 889	60 322
313	Textile mills	—	9	8	g	D	D	D	D	D	D	D	D
3132	Fabric mills	—	6	5	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills	—	4	3	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills	—	4	3	f	D	D	D	D	D	D	D	D
314	Textile product mills	—	4	4	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
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
BALANCE OF UPSON COUNTY													
31-33	Manufacturing	—	13	6	1 115	38 810	909	2 068	28 566	139 456	154 166	291 500	4 800
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

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 WALKER COUNTY													
31-33	Manufacturing	2	42	10	2 364	70 393	2 034	4 122	54 708	219 351	143 832	360 526	10 781
313	Textile mills	—	3	3	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 WARREN COUNTY													
31-33	Manufacturing	—	5	5	634	20 110	544	1 145	15 594	28 237	45 464	73 281	D
BALANCE OF WAYNE COUNTY													
31-33	Manufacturing	—	13	3	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
32211	Pulp mills	—	1	1	f	D	D	D	D	D	D	D	D
322110	Pulp mills	—	1	1	f	D	D	D	D	D	D	D	D
BALANCE OF WHITE COUNTY													
31-33	Manufacturing	1	31	4	598	21 123	491	988	15 621	58 134	43 338	101 720	3 520
BALANCE OF WHITFIELD COUNTY													
31-33	Manufacturing	3	151	45	4 744	146 916	3 892	8 185	106 202	425 075	560 101	998 569	32 412
314	Textile product mills	6	43	16	2 720	76 013	2 332	5 023	60 684	156 954	235 566	408 815	5 568
3141	Textile furnishings mills	9	34	11	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills	9	32	10	1 722	48 612	1 475	3 069	37 045	99 207	151 344	278 636	1 708
314110	Carpet and rug mills	9	32	10	1 722	48 612	1 475	3 069	37 045	99 207	151 344	278 636	1 708
3149	Other textile product mills	1	9	5	f	D	D	D	D	D	D	D	D
31499	All other textile product mills	1	9	5	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills	1	9	5	f	D	D	D	D	D	D	D	D
BALANCE OF WILKES COUNTY													
31-33	Manufacturing	—	13	6	516	13 961	438	882	10 344	40 720	60 557	99 109	3 005
BALANCE OF WILKINSON COUNTY													
31-33	Manufacturing	—	13	4	1 110	50 167	520	1 028	22 288	275 823	98 766	374 451	D
327	Nonmetallic mineral product manufacturing	—	3	2	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing	—	2	2	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing	—	1	1	f	D	D	D	D	D	D	D	D
327992	Ground or treated mineral and earth manufacturing	—	1	1	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 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
GEORGIA	
Companies ¹	N
All establishments ²	'8 805
Establishments with 1 to 19 employees	5 772
Establishments with 20 to 99 employees	'1 974
Establishments with 100 employees or more	'1 059
All employees ³	'452 625
Total compensation	\$1,000.. '19 667 295
Annual payroll	\$1,000.. '15 709 628
Total fringe benefits	\$1,000.. '3 957 667
Production workers, average for year	'345 762
Production workers on March 12	'347 312
Production workers on May 12	'349 791
Production workers on August 12	'343 686
Production workers on November 12	'341 602
Production worker hours	'693 583
Production worker wages	\$1,000.. '10 249 728
Total cost of materials	\$1,000.. '65 788 592
Materials, parts, containers, packaging, etc., used	\$1,000.. '59 370 297
Resales	\$1,000.. '3 597 004
Purchased fuels	\$1,000.. '870 613
Purchased electricity	\$1,000.. '1 180 834
Contract work	\$1,000.. '769 844
Quantity of electricity purchased for heat and power	1,000 kWh.. '26 837 281
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 5 215 471
Total value of shipments	\$1,000.. '126 156 636
Value of resales	\$1,000.. '4 381 964
Value added	\$1,000.. '59 651 286
Total inventories, beginning of year	\$1,000.. '13 676 788
Finished goods inventories	\$1,000.. '4 995 231
Work-in-process inventories	\$1,000.. '3 367 601
Materials and supplies inventories	\$1,000.. '5 313 956
Total inventories, end of year	\$1,000.. '12 424 414
Finished goods inventories	\$1,000.. '4 459 862
Work-in-process inventories	\$1,000.. '3 201 908
Materials and supplies inventories	\$1,000.. '4 762 644
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '51 068 116
Total capital expenditures (new and used)	\$1,000.. '3 212 978
Buildings and other structures (new and used)	\$1,000.. '582 788
Machinery and equipment (new and used)	\$1,000.. '2 630 190
Automobiles, trucks, etc., for highway use	\$1,000.. 87 197
Computers and peripheral data processing equipment	\$1,000.. '154 612
All other expenditures for machinery and equipment	\$1,000.. '2 388 381
Total retirements	\$1,000.. '1 943 393
Gross value of depreciable assets at end of year	\$1,000.. '52 337 701
Depreciation charges during year	\$1,000.. '3 284 025
Total rental payments	\$1,000.. '830 834
Buildings and other structures	\$1,000.. '421 163
Machinery and equipment	\$1,000.. '409 671

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:

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1. refining alumina;
 2. making (i.e., the primary production) aluminum from alumina;
 3. recovering aluminum from scrap or dross;
 4. alloying purchased aluminum; and
 5. manufacturing aluminum primary forms (e.g., bar, foil, pipe, plate, rod, sheet, tube, and wire).

331311 ALUMINA REFINING

This U.S. industry comprises establishments primarily engaged in refining alumina (i.e., aluminum oxide) generally from bauxite.

331312 PRIMARY ALUMINUM PRODUCTION

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

1. making aluminum from alumina and/or
2. making aluminum from alumina and rolling, drawing, extruding, or casting the aluminum they make into primary forms (e.g., bar, billet, ingot, plate, rod, sheet, and strip).

Establishments in this industry may make primary aluminum or aluminum-based alloys from alumina.

331314 SECONDARY SMELTING AND ALLOYING OF ALUMINUM

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

1. recovering aluminum and aluminum alloys from scrap and/or dross (i.e., secondary smelting) and making billet or ingot (except by rolling) and/or
2. manufacturing alloys, powder, paste, or flake from purchased aluminum.

331315 ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING

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

1. flat rolling or continuous casting sheet, plate, foil, and welded tube from purchased aluminum and/or
2. recovering aluminum from scrap and flat rolling or continuous casting sheet, plate, foil, and welded tube in integrated mills.

331316 ALUMINUM EXTRUDED PRODUCT MANUFACTURING

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

1. extruding aluminum bar, pipe, and tube blooms or extruding or drawing tube from purchased aluminum and/or
2. recovering aluminum from scrap and extruding bar, pipe, and tube blooms or drawing tube in integrated mills.

331319 OTHER ALUMINUM ROLLING AND DRAWING

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

1. rolling, drawing, or extruding shapes (except flat rolled sheet, plate, foil, and welded tube; extruded rod, bar, pipe, and tube blooms; and drawn or extruded tube) from purchased aluminum and/or
2. recovering aluminum from scrap and rolling, drawing or extruding shapes (except flat rolled sheet, plate, foil, and welded tube; extruded rod, bar, pipe, and tube blooms; and drawn or extruded tube) in integrated mills.

3314 NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING

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

1. Nonferrous metal (except aluminum) smelting and refining;
2. Copper rolling, drawing, extruding, and alloying; and/or
3. Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying.

33141 NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING

This industry comprises establishments primarily engaged in:

1. smelting ores into nonferrous metals and/or
2. the primary refining of nonferrous metals (except aluminum) using electrolytic or other processes.

331411 PRIMARY SMELTING AND REFINING OF COPPER

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

1. smelting copper ore and/or
2. the primary refining of copper by electrolytic methods or other processes.

Establishments in this industry make primary copper and copper-based alloys, such as brass and bronze, from ore or concentrates.

331419 PRIMARY SMELTING AND REFINING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

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

1. making (primary production) nonferrous metals by smelting ore and/or
2. the primary refining of nonferrous metals by electrolytic methods or other processes.

33142 COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING

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

1. recovering copper or copper alloys from scraps;
2. alloying purchased copper;
3. rolling, drawing, or extruding shapes, (e.g., bar, plate, sheet, strip, tube, wire) from purchased copper; and
4. recovering copper or copper alloys from scrap and rolling drawing, or extruding shapes (e.g., bar, plate, sheet, strip, tube, wire).

331421 COPPER ROLLING, DRAWING, AND EXTRUDING

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

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire)) from purchased copper and/or
2. recovering copper from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube (except bare or insulated copper communication or energy wire) in integrated mills.

331422 COPPER WIRE (EXCEPT MECHANICAL) DRAWING

This U.S. industry comprises establishments primarily engaged in drawing or drawing and insulating communication and energy wire and cable from purchased copper or in integrated secondary smelting and wire drawing plants.

331423 SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER

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

1. recovering copper and copper alloys from scrap and/or
2. alloying purchased copper.

Establishments in this industry make primary forms, such as ingot, wire bar, cake, and slab from copper or copper alloys, such as brass and bronze.

33149 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, EXTRUDING, AND ALLOYING

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

1. recovering nonferrous metals (except copper and aluminum) and nonferrous metal alloys from scrap;
2. alloying purchased nonferrous metals (except copper and aluminum);
3. rolling, drawing, and extruding shapes from purchased nonferrous metals (except copper and aluminum); and
4. recovering nonferrous metals from scrap (except copper and aluminum) and rolling, drawing, or extruding shapes in integrated facilities.

331491 NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM) ROLLING, DRAWING, AND EXTRUDING

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

1. rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) from purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap and rolling, drawing, and/or extruding shapes (e.g., bar, plate, sheet, strip, and tube) in integrated mills.

331492 SECONDARY SMELTING, REFINING, AND ALLOYING OF NONFERROUS METAL (EXCEPT COPPER AND ALUMINUM)

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

1. alloying purchased nonferrous metals and/or
2. recovering nonferrous metals from scrap.

Establishments in this industry make primary forms (e.g., bar, billet, bloom, cake, ingot, slab, slug, and wire) using smelting or refining processes.

3315 FOUNDRIES

This industry group comprises establishments primarily engaged in pouring molten metal into molds or dies to form castings. Establishments making castings and further manufacturing, such as machining or assembling, a specific manufactured product are classified in the industry of the finished product. Foundries may perform operations, such as cleaning and deburring, on the castings they manufacture. More involved processes, such as tapping, threading, milling, or machining to tight tolerances, that transform castings into more finished products are classified elsewhere in the manufacturing sector based on the product being made.

Establishments in this industry group make castings from purchased metals or in integrated secondary smelting and casting facilities. When the production of primary metals is combined with making castings, the establishment is classified in 331 with the primary metal being made.

33151 FERROUS METAL FOUNDRIES

This industry comprises establishments primarily engaged in pouring molten iron and steel into molds of a desired shape to make castings. Establishments in this industry purchase iron and steel made in other establishments.

331511 IRON FOUNDRIES

This U.S. industry comprises establishments primarily engaged in pouring molten pig iron or iron alloys into molds to manufacture castings (e.g., cast iron manhole covers, cast iron pipe, cast iron skillets). Establishments in this industry purchase iron made in other establishments.

331512 STEEL INVESTMENT FOUNDRIES

This U.S. industry comprises establishments primarily engaged in manufacturing steel investment castings. Investment molds are formed by covering a wax shape with a refractory slurry. After the refractory slurry hardens, the wax is melted, leaving a seamless mold. Investment molds provide highly detailed, consistent castings. Establishments in this industry purchase steel made in other establishments.

331513 STEEL FOUNDRIES (EXCEPT INVESTMENT)

This U.S. industry comprises establishments primarily engaged in manufacturing steel castings (except steel investment castings). Establishments in this industry purchase steel made in other establishments.

33152 NONFERROUS METAL FOUNDRIES

This industry comprises establishments primarily engaged in pouring and/or introducing molten nonferrous metal, under high pressure, into metal molds or dies to manufacture castings. Establishments in this industry purchase nonferrous metals made in other establishments.

331521 ALUMINUM DIE-CASTING FOUNDRIES

This U.S. industry comprises establishments primarily engaged in introducing molten aluminum, under high pressure, into molds or dies to make aluminum die-castings. Establishments in this industry purchase aluminum made in other establishments.

331522 NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES

This U.S. industry comprises establishments primarily engaged in introducing molten nonferrous metal (except aluminum), under high pressure, into molds to make nonferrous metal die-castings. Establishments in this industry purchase nonferrous metals made in other establishments.

331524 ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten aluminum into molds to manufacture aluminum castings. Establishments in this industry purchase aluminum made in other establishments.

331525 COPPER FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten copper into molds to manufacture copper castings. Establishments in this industry purchase copper made in other establishments.

331528 OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)

This U.S. industry comprises establishments primarily engaged in pouring molten nonferrous metals (except aluminum and copper) into molds to manufacture nonferrous castings (except aluminum die-castings, nonferrous (except aluminum) die-castings, aluminum castings, and copper castings). Establishments in this industry purchase nonferrous metals, such as nickel, lead, and zinc, made in other establishments.

332 FABRICATED METAL PRODUCT MANUFACTURING

Industries in the Fabricated Metal Product Manufacturing subsector transform metal into intermediate or end products, other than machinery, computers and electronics, and metal furniture or treating metals and metal formed products fabricated elsewhere. Important fabricated metal processes are forging, stamping, bending, forming, and machining, used to shape individual pieces of metal; and other processes, such as welding and assembling, used to join separate parts together. Establishments in this subsector may use one of these processes or a combination of these processes.

The NAICS structure for this subsector distinguishes the forging and stamping processes in a single industry. The remaining industries, in the subsector, group establishments based on similar combinations of processes used to make products.

The manufacturing performed in the Fabricated Metal Product Manufacturing subsector begins with manufactured metal shapes. The establishments in this sector further fabricate the purchased metal shapes into a product. For instance, the Spring and Wire Product Manufacturing industry starts with wire and fabricates such items.

Within manufacturing there are other establishments that make the same products made by this subsector; only these establishments begin production further back in the production process. These establishments have a more integrated operation. For instance, one establishment may manufacture steel, draw it into wire, and make wire products in the same establishment. Such operations are classified in the Primary Metal Manufacturing subsector.

3321 FORGING AND STAMPING

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

1. Manufacturing forgings from purchased metals;
2. Manufacturing metal custom roll forming products;
3. Manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. Manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

33211 FORGING AND STAMPING

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

1. manufacturing forgings from purchased metals;
2. manufacturing metal custom roll forming products;
3. manufacturing metal stamped and spun products (except automotive, cans, and coins); and
4. manufacturing powder metallurgy products.

Establishments making metal forgings, metal stampings, and metal spun products and further manufacturing (e.g., machining and assembling) a specific manufactured product are classified in the industry of the finished product. Metal forging, metal stamping, and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

332111 IRON AND STEEL FORGING

This U.S. industry comprises establishments primarily engaged in manufacturing iron and steel forgings from purchased iron and steel by hammering mill shapes. Establishments making iron and steel forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Iron and steel forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

332112 NONFERROUS FORGING

This U.S. industry comprises establishments primarily engaged in manufacturing nonferrous forgings from purchased nonferrous metals by hammering mill shapes. Establishments making nonferrous forgings and further manufacturing (e.g., machining, assembling) a specific manufactured product are classified in the industry of the finished product. Nonferrous forging establishments may perform surface finishing operations, such as cleaning and deburring, on the forgings they manufacture.

332114 CUSTOM ROLL FORMING

This U.S. industry comprises establishments primarily engaged in custom roll forming metal products by use of rotary motion of rolls with various contours to bend or shape the products.

332115 CROWN AND CLOSURE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in stamping metal crowns and closures, such as bottle caps and home canning lids and rings.

332116 METAL STAMPING

This U.S. industry comprises establishments primarily engaged in manufacturing unfinished metal stampings and spinning unfinished metal products (except crowns, cans, closures, automotive, and coins). Establishments making metal stampings and metal spun products and further manufacturing (e.g., machining, assembling) a specific product are classified in the industry of the finished product. Metal stamping and metal spun products establishments may perform surface finishing operations, such as cleaning and deburring, on the products they manufacture.

332117 POWDER METALLURGY PART MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing powder metallurgy products by compacting them in a shaped die and sintering. Establishments in this industry generally make a wide range of parts on a job or order basis.

3322 CUTLERY AND HANDTOOL MANUFACTURING

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

1. Manufacturing nonprecious and precious plated metal cutlery and flatware;
2. Manufacturing nonpowered hand and edge tools;
3. Manufacturing nonpowered handsaws;
4. Manufacturing saw blades, all types (including those for sawing machines); and

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5. Manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

33221 CUTLERY AND HANDTOOL MANUFACTURING

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

1. manufacturing nonprecious and precious plated metal cutlery and flatware;
2. manufacturing nonpowered hand and edge tools;
3. manufacturing nonpowered handsaws;
4. manufacturing saw blades, all types (including those for sawing machines); and
5. manufacturing metal kitchen utensils (except cutting-type) and pots and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

332211 CUTLERY AND FLATWARE (EXCEPT PRECIOUS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonprecious and precious plated metal cutlery and flatware.

332212 HAND AND EDGE TOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing nonpowered hand and edge tools (except saws).

332213 SAW BLADE AND HANDSAW MANUFACTURING

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

1. manufacturing nonpowered handsaws and/or
2. manufacturing saw blades, all types (including those for power sawing machines).

332214 KITCHEN UTENSIL, POT, AND PAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal kitchen utensils (except cutting-type), pots, and pans (except those manufactured by casting (e.g., cast iron skillets) or stamped without further fabrication).

3323 ARCHITECTURAL AND STRUCTURAL METALS MANUFACTURING

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

1. Plate work and fabricated structural product manufacturing and
2. Ornamental and architectural metal products manufacturing.

33231 PLATE WORK AND FABRICATED STRUCTURAL PRODUCT MANUFACTURING

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

1. prefabricated metal buildings, panels and sections;
2. structural metal products; and
3. metal plate work products.

332311 PREFABRICATED METAL BUILDING AND COMPONENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing prefabricated metal buildings, panels, and sections.

332312 FABRICATED STRUCTURAL METAL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in fabricating structural metal products, such as concrete reinforcing bars and fabricated bar joists.

332313 PLATE WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal plate work by cutting, punching, bending, shaping, and welding purchased metal plate.

33232 ORNAMENTAL AND ARCHITECTURAL METAL PRODUCTS MANUFACTURING

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

1. metal framed windows (i.e., typically using purchased glass) and metal doors;
2. sheet metal work; and
3. ornamental and architectural metal products.

332321 METAL WINDOW AND DOOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal framed windows (typically using purchased glass) and metal doors. Examples of products made by these establishments are: metal door frames; metal framed window and door screens; and metal molding and trim (except automotive).

332322 SHEET METAL WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sheet metal work (except stampings).

332323 ORNAMENTAL AND ARCHITECTURAL METAL WORK MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ornamental and architectural metal work, such as staircases, metal open steel flooring, fire escapes, railings, and scaffolding.

3324 BOILER, TANK, AND SHIPPING CONTAINER MANUFACTURING

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

1. Power boiler and heat exchanger manufacturing;
2. Metal tank (heavy gauge) manufacturing; and
3. Metal can, box, and other metal container (light gauge) manufacturing.

33241 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

332410 POWER BOILER AND HEAT EXCHANGER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power boilers and heat exchangers. Establishments in this industry may perform installation in addition to manufacturing power boilers and heat exchangers.

33242 METAL TANK (HEAVY GAUGE) MANUFACTURING

This industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

332420 METAL TANK (HEAVY GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in cutting, forming, and joining heavy gauge metal to manufacture tanks, vessels, and other containers.

33243 METAL CAN, BOX, AND OTHER METAL CONTAINER (LIGHT GAUGE) MANUFACTURING

This industry comprises establishments primarily engaged in forming light gauge metal containers.

332431 METAL CAN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal cans, lids, and ends.

332439 OTHER METAL CONTAINER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal (light gauge) containers (except cans).

3325 HARDWARE MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

33251 HARDWARE MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

332510 HARDWARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal hardware, such as metal hinges, metal handles, keys, and locks (except coin-operated and time locks).

3326 SPRING AND WIRE PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. Manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

33261 SPRING AND WIRE PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. manufacturing steel springs by forming, such as cutting, bending, and heat winding, metal rod or strip stock, and/or
2. manufacturing wire springs and fabricated wire products from wire drawn elsewhere (except watch and clock springs).

332611 SPRING (HEAVY GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing heavy gauge springs by forming, such as cutting, bending, and heat winding, rod or strip stock.

332612 SPRING (LIGHT GAUGE) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing light gauge springs from purchased wire or strip.

332618 OTHER FABRICATED WIRE PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated wire products (except springs) made from purchased wire.

3327 MACHINE SHOPS; TURNED PRODUCT; AND SCREW, NUT, AND BOLT MANUFACTURING

This industry group comprises establishments primarily engaged in:

1. Machine shops and/or
2. Turned product and screw, nut, and bolt manufacturing.

33271 MACHINE SHOPS

This industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

332710 MACHINE SHOPS

This U.S. industry comprises establishments primarily engaged in machining metal parts on a job or order basis (known as machine shops). Generally machine shop jobs are low volume using machine tools, such as lathes (including computer numerically controlled); automatic screw machines; and machines for boring, grinding, and milling.

33272 TURNED PRODUCT AND SCREW, NUT, AND BOLT MANUFACTURING

This industry comprises establishments primarily engaged in:

1. machining precision turned products or
2. manufacturing metal bolts, nuts, screws, rivets, and other industrial fasteners.

Included in this industry are establishments primarily engaged in manufacturing parts for machinery and equipment on a customized basis.

332721 PRECISION TURNED PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in machining precision products of all materials on a job or order basis (known as precision turned manufacturers). Generally precision turned product jobs are large volume using machines, such as automatic screw machines, rotary transfer machines, computer numerically controlled (CNC) lathes, or turning centers.

332722 BOLT, NUT, SCREW, RIVET, AND WASHER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal bolts, nuts, screws, rivets, washers, and other industrial fasteners using machines, such as headers, threaders, and nut forming machines.

3328 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

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

1. Heat treating metals and metal products;
2. Enameling, lacquering, and varnishing metals and metal products;
3. Hot dip galvanizing metals and metal products;
4. Engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. Powder coating metals and metal products;
6. Electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. Providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

33281 COATING, ENGRAVING, HEAT TREATING, AND ALLIED ACTIVITIES

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

1. heat treating metals and metal products;
2. enameling, lacquering, and varnishing metals and metal products;
3. hot dip galvanizing metals and metal products;
4. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
5. powder coating metals and metal products;
6. electroplating, plating, anodizing, coloring, and finishing metals and metal products; and
7. providing other metal surfacing services for the trade.

Included in this industry are establishments that coat engravings and heat treat metals and metal formed products fabricated elsewhere.

332811 METAL HEAT TREATING

This U.S. industry comprises establishments primarily engaged in heat treating, such as annealing, tempering, and brazing metals and metal products for the trade.

332812 METAL COATING, ENGRAVING (EXCEPT JEWELRY AND SILVERWARE), AND ALLIED SERVICES TO MANUFACTURERS

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

1. enameling, lacquering, and varnishing metals and metal products;
2. hot dip galvanizing metals and metal products;
3. engraving, chasing, or etching metals and metal products (except jewelry; personal goods carried on or about the person, such as compacts and cigarette cases; precious metal products (except precious plated flatware and other plated ware); and printing plates);
4. powder coating metals and metal products; and
5. providing other metal surfacing services for the trade.

332813 ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

This U.S. industry comprises establishments primarily engaged in electroplating, plating, anodizing, coloring, buffing, polishing, cleaning, and sandblasting metals and metal products for the trade.

3329 OTHER FABRICATED METAL PRODUCT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, and nuts and bolts).

33291 METAL VALVE MANUFACTURING

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

1. industrial valves;
2. fluid power valves and hose fittings;
3. plumbing fixture fittings and trim; and
4. other metal valves and pipe fittings.

332911 INDUSTRIAL VALVE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial valves and valves for water works and municipal water systems.

332912 FLUID POWER VALVE AND HOSE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power valves and hose fittings.

332913 PLUMBING FIXTURE FITTING AND TRIM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal and plastics plumbing fixture fittings and trim, such as faucets, flush valves, and shower heads.

332919 OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal valves (except industrial valves, fluid power valves, fluid power hose fittings, and plumbing fixture fittings and trim).

33299 ALL OTHER FABRICATED METAL PRODUCT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metal products, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, and metal valves).

332991 BALL AND ROLLER BEARING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ball and roller bearings of all materials.

332992 SMALL ARMS AMMUNITION MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small arms ammunition.

332993 AMMUNITION (EXCEPT SMALL ARMS) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ammunition (except small arms). Examples of products made by these establishments are bombs, depth charges, rockets (except guided missiles), grenades, mines, and torpedoes.

332994 SMALL ARMS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing small firearms that are carried and fired by the individual.

332995 OTHER ORDNANCE AND ACCESSORIES MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing ordnance (except small arms) and accessories.

332996 FABRICATED PIPE AND PIPE FITTING MANUFACTURING

This U.S. industry comprises establishments primarily engaged in fabricating, such as cutting, threading, and bending metal pipes and pipe fittings made from purchased metal pipe.

332997 INDUSTRIAL PATTERN MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial patterns.

332998 ENAMELED IRON AND METAL SANITARY WARE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing enameled iron and metal sanitary ware.

332999 ALL OTHER MISCELLANEOUS FABRICATED METAL PRODUCT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fabricated metal products (except forgings and stampings, cutlery and handtools, architectural and structural metals, boilers, tanks, shipping containers, hardware, spring and wire products, machine shop products, turned products, screws, nuts and bolts, metal valves, ball and roller bearings, ammunition, small arms and other ordnances, fabricated pipes and pipe fittings, industrial patterns, and enameled iron and metal sanitary ware).

333 MACHINERY MANUFACTURING

Industries in the Machinery Manufacturing subsector create end products that apply mechanical force, for example, the application of gears and levers, to perform work. Some important processes for the manufacture of machinery are forging, stamping, bending, forming, and machining that are used to shape individual pieces of metal. Processes, such as welding and assembling are used to join separate parts together. Although these processes are similar to those used in metal fabricating establishments, machinery manufacturing is different because it typically employs multiple metal forming processes in manufacturing the various parts of the machine. Moreover, complex assembly operations are an inherent part of the production process.

In general, design considerations are very important in machinery production. Establishments specialize in making machinery designed for particular applications. Thus, design is considered to be part of the production process for the purpose of implementing NAICS. The NAICS structure reflects this by defining industries and industry groups that make machinery for different applications. A broad distinction exists between machinery that is generally used in a variety of industrial applications (i.e., general purpose machinery) and machinery that is designed to be used in a particular industry (i.e., special purpose machinery). Three industry groups consist of special purpose machinery--Agricultural, Construction, and Mining Machinery Manufacturing; Industrial Machinery

Manufacturing; and Commercial and Service Industry Machinery Manufacturing. The other industry groups make general-purpose machinery: Ventilation, Heating, Air Conditioning, and Commercial Refrigeration Equipment Manufacturing; Metalworking Machinery Manufacturing; Engine, Turbine, and Power Transmission Equipment Manufacturing; and Other General Purpose Machinery Manufacturing.

3331 AGRICULTURE, CONSTRUCTION, AND MINING MACHINERY MANUFACTURING

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

1. Agricultural implement manufacturing;
2. Construction machinery manufacturing; and
3. Mining and oil and gas field machinery manufacturing.

33311 AGRICULTURAL IMPLEMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing farm machinery and equipment, powered mowing equipment, and other powered home lawn and garden equipment.

333111 FARM MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing agricultural and farm machinery and equipment and other turf and grounds care equipment, including planting, harvesting, and grass mowing equipment (except lawn and garden-type).

333112 LAWN AND GARDEN TRACTOR AND HOME LAWN AND GARDEN EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing powered lawnmowers, lawn and garden tractors, and other home lawn and garden equipment, such as tillers, shredders, and yard vacuums and blowers.

33312 CONSTRUCTION MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

333120 CONSTRUCTION MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing construction machinery, surface mining machinery, and logging equipment.

33313 MINING AND OIL AND GAS FIELD MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing oil and gas field and underground mining machinery and equipment.

333131 MINING MACHINERY AND EQUIPMENT MANUFACTURING

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

1. manufacturing underground mining machinery and equipment, such as coal breakers, mining cars, core drills, coal cutters, and rock drills and
2. manufacturing mineral beneficiating machinery and equipment used in surface or underground mines.

333132 OIL AND GAS FIELD MACHINERY AND EQUIPMENT MANUFACTURING

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

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1. manufacturing oil and gas field machinery and equipment, such as oil and gas field drilling machinery and equipment; oil and gas field production machinery and equipment; and oil and gas field derricks; and
 2. manufacturing water well drilling machinery.

3332 INDUSTRIAL MACHINERY MANUFACTURING

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

1. Sawmill and woodworking machinery manufacturing;
2. Plastics and rubber industry machinery manufacturing; and
3. Other industrial machinery manufacturing.

33321 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing sawmill and wood-working machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

333210 SAWMILL AND WOODWORKING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing sawmill and woodworking machinery (except handheld), such as circular and band sawing equipment, planing machinery, and sanding machinery.

33322 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

333220 PLASTICS AND RUBBER INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing plastics and rubber products making machinery, such as plastics compression, extrusion and injection molding machinery and equipment, and tire building and recapping machinery and equipment.

33329 OTHER INDUSTRIAL MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction, mining, sawmill and woodworking, and plastics and rubber products making machinery).

333291 PAPER INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing paper industry machinery for making paper and paper products, such as pulp making machinery, paper and paperboard making machinery, and paper and paperboard converting machinery.

333292 TEXTILE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing textile machinery for making thread, yarn, and fiber.

333293 PRINTING MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing printing and bookbinding machinery and equipment, such as printing presses, typesetting machinery, and bindery machinery.

333294 FOOD PRODUCT MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing food and beverage manufacturing-type machinery and equipment, such as dairy product plant machinery and equipment (e.g., homogenizers, pasteurizers, and ice cream freezers), bakery machinery and equipment (e.g., dough mixers, bake ovens, and pastry rolling machines), meat and poultry processing and preparation machinery, and other commercial food products machinery (e.g., slicers, choppers, and mixers).

333295 SEMICONDUCTOR MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing wafer processing equipment, semiconductor assembly and packaging equipment, and other semiconductor making machinery.

333298 ALL OTHER INDUSTRIAL MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial machinery (except agricultural and farm-type, construction and mining machinery, sawmill and woodworking machinery, plastics and rubber making machinery, paper and paperboard making machinery, textile machinery, printing machinery and equipment, food manufacturing-type machinery, and semiconductor making machinery).

3333 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

33331 COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing commercial and service machinery, such as automatic vending machinery, commercial laundry and dry-cleaning machinery, office machinery, photographic and photocopying machinery, optical instruments and machinery, automotive maintenance equipment (except mechanic's handtools), industrial vacuum cleaners, and commercial-type cooking equipment.

333311 AUTOMATIC VENDING MACHINE MANUFACTURING

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

1. manufacturing coin, token, currency, or magnetic card operated vending machines; and/or
2. manufacturing coin operated mechanism for machines, such as vending machines, lockers, and laundry machines.

333312 COMMERCIAL LAUNDRY, DRYCLEANING, AND PRESSING MACHINE MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and industrial laundry and drycleaning equipment and pressing machines.

333313 OFFICE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing office machinery (except computers and photocopying equipment), such as mailhandling machinery and equipment, calculators, typewriters, and dedicated word processing equipment.

333314 OPTICAL INSTRUMENT AND LENS MANUFACTURING

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

1. manufacturing optical instruments and lens, such as binoculars, microscopes (except electron and proton), telescopes, prisms, and lenses (except ophthalmic);
2. coating or polishing lenses (except ophthalmic); and
3. mounting lenses (except ophthalmic).

333315 PHOTOGRAPHIC AND PHOTOCOPYING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing photographic and photocopying equipment, such as cameras (except television, video, and digital), projectors, film developing equipment, photocopying equipment, and microfilm equipment.

333319 OTHER COMMERCIAL AND SERVICE INDUSTRY MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing commercial and service industry equipment (except automatic vending machines, commercial laundry, drycleaning and pressing machines, office machinery, optical instruments and lenses, and photographic and photocopying equipment).

3334 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

33341 VENTILATION, HEATING, AIR-CONDITIONING, AND COMMERCIAL REFRIGERATION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing ventilation, heating, air-conditioning, and commercial and industrial refrigeration and freezer equipment.

333411 AIR PURIFICATION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing stationary air purification equipment, such as industrial dust and fume collection equipment, electrostatic precipitation equipment, warm air furnace filters, air washers, and other dust collection equipment.

333412 INDUSTRIAL AND COMMERCIAL FAN AND BLOWER MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing attic fans and industrial and commercial fans and blowers, such as commercial exhaust fans and commercial ventilating fans.

333414 HEATING EQUIPMENT (EXCEPT WARM AIR FURNACES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing heating equipment (except electric and warm air furnaces), such as heating boilers, heating stoves, floor and wall furnaces, and wall and baseboard heating units.

333415 AIR-CONDITIONING AND WARM AIR HEATING EQUIPMENT AND COMMERCIAL AND INDUSTRIAL REFRIGERATION EQUIPMENT MANUFACTURING

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

1. manufacturing air-conditioning (except motor vehicle) and warm air furnace equipment and/or
2. manufacturing commercial and industrial refrigeration and freezer equipment.

3335 METALWORKING MACHINERY MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

33351 METALWORKING MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing metalworking machinery, such as metal cutting and metal forming machine tools; cutting tools; and accessories for metalworking machinery; special dies, tools, jigs, and fixtures; industrial molds; rolling mill machinery; assembly machinery; coil handling, conversion, or straightening equipment; and wire drawing and fabricating machines.

333511 INDUSTRIAL MOLD MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial molds for casting metals or forming other materials, such as plastics, glass, or rubber.

333512 MACHINE TOOL (METAL CUTTING TYPES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal cutting machine tools (except handtools).

333513 MACHINE TOOL (METAL FORMING TYPES) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal forming machine tools (except handtools), such as punching, sheering, bending, forming, pressing, forging, and die-casting machines.

333514 SPECIAL DIE AND TOOL, DIE SET, JIG, AND FIXTURE MANUFACTURING

This U.S. industry comprises establishments, known as tool and die shops, primarily engaged in manufacturing special tools and fixtures, such as cutting dies and jigs.

333515 CUTTING TOOL AND MACHINE TOOL ACCESSORY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing accessories and attachments for metal cutting and metal forming machine tools.

333516 ROLLING MILL MACHINERY AND EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing rolling mill machinery and equipment for metal production.

333518 OTHER METALWORKING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing metal working machinery (except industrial molds; metal cutting machine tools; metal forming machine tools; special dies and tools, die sets, jigs, and fixtures; cutting tools and machine tool accessories; and rolling mill machinery and equipment).

3336 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

33361 ENGINE, TURBINE, AND POWER TRANSMISSION EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing turbines, power transmission equipment, and internal combustion engines (except automotive, gasoline, and aircraft).

333611 TURBINE AND TURBINE GENERATOR SET UNITS MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing turbines (except aircraft) and complete turbine generator set units, such as steam, hydraulic, gas, and wind.

333612 SPEED CHANGER, INDUSTRIAL HIGH-SPEED DRIVE, AND GEAR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing gears, speed changers, and industrial high-speed drives (except hydrostatic).

333613 MECHANICAL POWER TRANSMISSION EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing mechanical power transmission equipment (except motor vehicle and aircraft), such as plain bearings, clutches (except motor vehicle and electromagnetic industrial control), couplings, joints, and drive chains.

333618 OTHER ENGINE EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing internal combustion engines (except automotive gasoline and aircraft).

3339 OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

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

1. Pump and compressor manufacturing;
2. Material handling equipment manufacturing; and
3. All other general purpose machinery manufacturing.

33391 PUMP AND COMPRESSOR MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing pumps and compressors, such as general purpose air and gas compressors, nonagricultural spraying and dusting equipment, general purpose pumps and pumping equipment (except fluid power pumps and motors), and measuring and dispensing pumps.

333911 PUMP AND PUMPING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose pumps and pumping equipment (except fluid power pumps and motors), such as reciprocating pumps, turbine pumps, centrifugal pumps, rotary pumps, diaphragm pumps, domestic water system pumps, oil well and oil field pumps, and sump pumps.

333912 AIR AND GAS COMPRESSOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose air and gas compressors, such as reciprocating compressors, centrifugal compressors, vacuum pumps (except laboratory), and nonagricultural spraying and dusting compressors and spray gun units.

333913 MEASURING AND DISPENSING PUMP MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and dispensing pumps, such as gasoline pumps and lubricating oil measuring and dispensing pumps.

33392 MATERIAL HANDLING EQUIPMENT MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing material handling equipment, such as elevators and moving stairs; conveyors and conveying equipment; overhead traveling cranes, hoists, and monorail systems; and industrial trucks, tractors, trailers, and stacker machinery.

333921 ELEVATOR AND MOVING STAIRWAY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing elevators and moving stairways.

333922 CONVEYOR AND CONVEYING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing conveyors and conveying equipment, such as gravity conveyors, trolley conveyors, tow conveyors, pneumatic tube conveyors, carousel conveyors, farm conveyors, and belt conveyors.

333923 OVERHEAD TRAVELING CRANE, HOIST, AND MONORAIL SYSTEM MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing overhead traveling cranes, hoists, and monorail systems.

333924 INDUSTRIAL TRUCK, TRACTOR, TRAILER, AND STACKER MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing industrial trucks, tractors, trailers, and stackers (i.e., truck-type), such as forklifts, pallet loaders and unloaders, and portable loading docks.

33399 ALL OTHER GENERAL PURPOSE MACHINERY MANUFACTURING

This industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilation, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; and material handling equipment).

333991 POWER-DRIVEN HANDTOOL MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing power-driven (e.g., battery, corded, and pneumatic) handtools, such as drills, screwguns, circular saws, chain saws, staplers, and nailers.

333992 WELDING AND SOLDERING EQUIPMENT MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing welding and soldering equipment and accessories (except transformers), such as arc, resistance, gas, plasma, laser, electron beam, and ultrasonic welding equipment; welding electrodes; coated or cored welding wire; and soldering equipment (except handheld).

333993 PACKAGING MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing packaging machinery, such as wrapping, bottling, canning, and labeling machinery.

333994 INDUSTRIAL PROCESS FURNACE AND OVEN MANUFACTURING

This U.S. Industry comprises establishments primarily engaged in manufacturing industrial process furnaces, ovens, induction and dielectric heating equipment, and kilns (except cement, chemical, and wood).

333995 FLUID POWER CYLINDER AND ACTUATOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) cylinders and actuators.

333996 FLUID POWER PUMP AND MOTOR MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing fluid power (i.e., hydraulic and pneumatic) pumps and motors.

333997 SCALE AND BALANCE (EXCEPT LABORATORY) MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing scales and balances (except laboratory).

333999 ALL OTHER MISCELLANEOUS GENERAL PURPOSE MACHINERY MANUFACTURING

This U.S. industry comprises establishments primarily engaged in manufacturing general purpose machinery (except ventilating, heating, air-conditioning, and commercial refrigeration equipment; metal working machinery; engines, turbines, and power transmission equipment; pumps and compressors; material handling equipment; power-driven handtools; welding and soldering equipment; packaging machinery; industrial process furnaces and ovens; fluid power cylinders and actuators; fluid power pumps and motors; and scales and balances).

334 COMPUTER AND ELECTRONIC PRODUCT MANUFACTURING

Industries in the Computer and Electronic Product Manufacturing subsector group establishments that manufacture computers, computer peripherals, communications equipment, and similar electronic products, and establishments that manufacture components for such products. The Computer and Electronic Product Manufacturing industries have been combined in the hierarchy of NAICS because of the economic significance they have attained. Their rapid growth suggests that they will become even more important to the economies of all three North American countries in the future, and in addition their manufacturing processes are fundamentally different from the manufacturing processes of other machinery and equipment. The design and use of integrated circuits and the application of highly specialized miniaturization technologies are common elements in the production technologies of the computer and electronic subsector. Convergence of technology motivates this NAICS subsector. Digitalization of sound recording, for example, causes both the medium (the compact disc) and the equipment to resemble the technologies for recording, storing, transmitting, and manipulating data. Communications technology and equipment have been converging with computer technology. When technologically-related components are in the same sector, it makes it easier to adjust the classification for future changes, without needing to redefine its basic structure. The creation of the Computer and Electronic Product Manufacturing subsector will assist in delineating new and emerging industries because the activities that will serve as the probable sources of new industries, such as computer manufacturing and communications equipment manufacturing, or computers and audio equipment, are brought together. As new activities emerge, they are less likely therefore, to cross the subsector boundaries of the classification.

3341 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING

This industry group comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers; and computer peripheral equipment, such as storage devices, printers, monitors, input/output devices and terminals. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

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1. Store the processing program or programs and the data immediately necessary for the execution of the program;
 2. Can be freely programmed in accordance with the requirements of the user;
 3. Perform arithmetical computations specified by the user; and
 4. Execute, without human intervention, a processing program that requires the computer to modify its execution by logical decision during the processing run.

Analog computers are capable of simulating mathematical models and comprise at least analog, control, and programming elements.

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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:

-
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

GEORGIA

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

Athens-Clarke County (consolidated city) is coextensive with Clarke County. It includes Winterville and Bogart (part in Clarke County), which are not populous enough for separate tabulation. Therefore, "Athens-Clarke County" refers to the whole consolidated city.

Atlanta is in DeKalb and Fulton Counties.

Auburn is in Barrow and Gwinnett Counties.

Augusta-Richmond County (consolidated city) is coextensive with Richmond County. It includes Hephzibah, which is tabulated separately. "Augusta-Richmond County (balance)", which is a place equivalent, includes Blythe (part in Richmond County), which is not populous enough for separate tabulation.

Austell is in Cobb and Douglas Counties.

Avondale Estates is now tabulated separately due to a population increase. This change deletes territory from the Balance of DeKalb County.

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

Bremen is in Carroll and Haralson Counties.

Buford is in Gwinnett and Hall Counties.

Byron is in Houston and Peach Counties; it is now tabulated separately due to a population increase. This change deletes territory from the Balances of Houston and Peach Counties.

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

College Park is in Clayton and Fulton Counties.

Columbus is no longer a consolidated city, due to the disincorporation of Bibb City in January 2001.

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

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

Fitzgerald is in Ben Hill and Irwin Counties.

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

Fort Oglethorpe is in Catoosa and Walker Counties.

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

Lithia Springs disincorporated in June 2001. This change adds territory to the Balance of Douglas County.

Locust Grove is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Henry County.

Loganville is in Gwinnett and Walton Counties.

Macon is in Bibb and Jones Counties.

Manchester is in Meriwether and Talbot Counties.

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

Palmetto is in Coweta and Fulton Counties.

Perry is in Houston and Peach Counties.

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

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

Social Circle is in Newton and Walton Counties.

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

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

Vidalia is in Montgomery and Toombs Counties.

Villa Rica is in Carroll and Douglas Counties.

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

Warner Robins is in Houston and Peach Counties; it annexed into Peach County in September 1997. This change deletes territory from the Balance of Peach County.

Waycross is in Pierce and Ware Counties.

West Point is in Harris and Troup Counties.

Balance of Bartow County no longer includes Adairsville and Euharlee, which are tabulated separately due to a population increase.

Balance of Charlton County no longer includes Folkston, which is tabulated separately due to a population increase.

Balance of Chatham County includes Thunderbolt, which is no longer tabulated separately due to a population decrease, and no longer includes Bloomingdale, which is tabulated separately due to a population increase.

Balance of DeKalb County no longer includes Avondale Estates, which is tabulated separately due to a population increase.

Balance of Dooly County no longer includes Unadilla, which is tabulated separately due to a population increase.

Balance of Douglas County gained territory due to the disincorporation of Lithia Springs.

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

Balance of Franklin County includes Royston (part), which is no longer tabulated separately due to a population decrease.

Balance of Hall County no longer includes Oakwood, which is tabulated separately due to a population increase.

Balance of Hart County includes Royston (part), which is no longer tabulated separately due to a population decrease.

Balance of Henry County includes Locust Grove, which is no longer tabulated separately due to a population decrease.

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

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

Balance of Liberty County no longer includes Walthourville, which is tabulated separately due to a population increase.

Balance of Madison County includes Royston (part), which is no longer tabulated separately due to a population decrease.

Balance of Peach County lost territory due to the annexation of Warner Robins into the county and no longer includes Byron (part), which is tabulated separately due to a population increase.

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

Balance of Wilkinson County includes Gordon, 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

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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

CHATTANOOGA-CLEVELAND-ATHENS, TN-GA COMBINED STATISTICAL AREA

Athens, TN Micropolitan Statistical Area

McMinn County, TN

Chattanooga, TN-GA Metropolitan Statistical Area

Catoosa County, GA

Dade County, GA

Walker County, GA

Hamilton County, TN

Marion County, TN

Sequatchie County, TN

Cleveland, TN Metropolitan Statistical Area

Bradley County, TN

Polk County, TN

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

MACON-WARNER ROBINS-FORT VALLEY, GA COMBINED STATISTICAL AREA

Fort Valley, GA Micropolitan Statistical Area

Peach County, GA

Macon, GA Metropolitan Statistical Area

Bibb County, GA

Crawford County, GA

Jones County, GA

Monroe County, GA

Twiggs County, GA

Warner Robins, GA Metropolitan Statistical Area

Houston County, GA

SAVANNAH-HINESVILLE-FORT STEWART, GA COMBINED STATISTICAL AREA

Hinesville-Fort Stewart, GA Metropolitan Statistical Area

Liberty County, GA

Long County, GA

Savannah, GA Metropolitan Statistical Area

Bryan County, GA

Chatham County, GA

Effingham County, GA

ALBANY, GA METROPOLITAN STATISTICAL AREA

Baker County, GA

Dougherty County, GA

Lee County, GA

Terrell County, GA

Worth County, GA

AMERICUS, GA MICROPOLITAN STATISTICAL AREA

Schley County, GA

Sumter County, GA

ATHENS-CLARKE COUNTY, GA METROPOLITAN STATISTICAL AREA

Clarke County, GA

Madison County, GA

Oconee County, GA

Oglethorpe County, GA

AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA

Burke County, GA

Columbia County, GA

McDuffie County, GA

Richmond County, GA

Aiken County, SC

Edgefield County, SC

BAINBRIDGE, GA MICROPOLITAN STATISTICAL AREA

Decatur County, GA

BRUNSWICK, GA METROPOLITAN STATISTICAL AREA

Brantley County, GA

Glynn County, GA

McIntosh County, GA

CALHOUN, GA MICROPOLITAN STATISTICAL AREA

Gordon County, GA

CORDELE, GA MICROPOLITAN STATISTICAL AREA

Crisp County, GA

CORNELIA, GA MICROPOLITAN STATISTICAL AREA

Habersham County, GA

DALTON, GA METROPOLITAN STATISTICAL AREA

Murray County, GA

Whitfield County, GA

DOUGLAS, GA MICROPOLITAN STATISTICAL AREA

Atkinson County, GA

Coffee County, GA

DUBLIN, GA MICROPOLITAN STATISTICAL AREA

Johnson County, GA

Laurens County, GA

FITZGERALD, GA MICROPOLITAN STATISTICAL AREA

Ben Hill County, GA

Irwin County, GA

JESUP, GA MICROPOLITAN STATISTICAL AREA

Wayne County, GA

MILLEDGEVILLE, GA MICROPOLITAN STATISTICAL AREA

Baldwin County, GA

Hancock County, GA

MOULTRIE, GA MICROPOLITAN STATISTICAL AREA

Colquitt County, GA

ROME, GA METROPOLITAN STATISTICAL AREA

Floyd County, GA

ST. MARYS, GA MICROPOLITAN STATISTICAL AREA

Camden County, GA

STATESBORO, GA MICROPOLITAN STATISTICAL AREA

Bulloch County, GA

SUMMERVILLE, GA MICROPOLITAN STATISTICAL AREA

Chattooga County, GA

THOMASVILLE, GA MICROPOLITAN STATISTICAL AREA

Thomas County, GA

TIFTON, GA MICROPOLITAN STATISTICAL AREA

Tift County, GA

TOCCOA, GA MICROPOLITAN STATISTICAL AREA

Stephens County, GA

VALDOSTA, GA METROPOLITAN STATISTICAL AREA

Brooks County, GA

Echols County, GA

Lanier County, GA

Lowndes County, GA

WAYCROSS, GA MICROPOLITAN STATISTICAL AREA

Pierce County, GA

Ware County, GA

