

# South Carolina: 2002

Issued September 2005

EC02-31A-SC (RV)

## 2002 Economic Census

*Manufacturing*

Geographic Area Series



**USCENSUSBUREAU**

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



## ACKNOWLEDGMENTS

This report was prepared in the Manufacturing and Construction Division under the direction of **Mendel D. Gayle**, Assistant Division Chief for Census and Related Programs who was responsible for the overall planning, management, and coordination. **Mendel D. Gayle**, Chief, Census and Related Programs Support Branch, assisted by **Arminta Quash** Section Chief, **Robert Reinard**, Chief, Consumer Goods Industries Branch, assisted by **Suzanne Conard**, **Susan DiCola**, and **James Hinckley**, Section Chiefs, **Kenneth Hansen**, Chief, Investment Goods Industries Branch, assisted by **Chris Blackburn**, **Jazmin Rose** and **Wanda Sledd**, Section Chiefs, **Nathaniel Shelton**, Chief, Primary Goods Industries Branch, assisted by **Walter Hunter**, **Joanna Nguyen**, and **Athanasios Theodoropoulos**, Section Chiefs, and **Raphael Corrado**, **Tom Flood**, **Robert Miller**, and **Robert Rosati**, Special Assistants, performed the planning and implementation. **Bill Baldwin**, **Luis Blanco**, **Larry Blumberg**, **Phillip Brown**, **Brenda Campbell**, **Catherine Cooper**, **Paul Corey**, **Mary Kim Corley**, **Theresa Crowley**, **Chris Cunningham**, **Vance Davis**, **Jesse Dawson**, **Kellie Friedrich**, **Dennis Gosier**, **Vera Harris-Bourne**, **Karen Harshbarger**, **Nancy Higgins**, **Steven Hood**, **Rachael Horwitz**, **Tom Ickes**, **Evelyn Jordan**, **Daphne Kelly**, **Cathy Knudsen**, **Kristen Lauziere**, **Mai Ngan Le**, **Jennifer Lee**, **Robert Lee**, **Jennifer Leotta**, **John Linehan**, **Keith McKenzie**, **Blynda Metcalf**, **Stanley Montgomery**, **Philippe Morris**, **Madelyn Nieves**, **Betty Pannell**, **Bridgett Parker-Bell**, **Dorothy Parsons**, **Gloria Peebles-Butler**, **Michael Perkinson**, **Deanna Pickerall**, **Dana Sklut**, **LaTanya Steele**, **Susan Sundermann**, **Myss Sykes-Stephens**, **Betty Sutter**, **Dora Thomas**, **Ronanne Vinson**, **Keeley Voor**, **Denneth Wallace**, **Hilda Ward**, **Edward Watkins III**, **Tempie Whittington**, **Ernest Wilson Jr.**, **Barbara Wongus**, and **Kevin Younes**, provided primary staff assistance.

**Mendel D. Gayle**, Chief, Census and Related Programs Support Branch, assisted by **Arlinda Allen**, **Kimberly DePhillip**, and **Baruti Taylor**, Section Chiefs, performed overall coordination of the publication process. **Patrick Duck**, **Michael Flaherty**, **Taylor C. Murph**, and **Veronica White** provided primary staff assistance.

Mathematical and statistical techniques as well as the coverage operations were provided by **Paul Hsen**, Assistant Division Chief for Research and Methodology Programs, assisted by **Stacey Cole**, Chief, Manufacturing Methodology Branch, and **Robert Struble**, Section Chief and **Jeffrey Dalzell** and **Cathy Gregor** provided primary staff assistance.

**Eddie J. Salyers**, Assistant Division Chief of Economic Planning and Coordination Division, was responsible for overseeing the editing and tabulation procedures and the interactive analytical software. **Dennis Shoemaker** and **Kim Wortman**, Special Assistants, **John D. Ward**, Chief, Analytical Branch, and **Brandy L. Yarbrough**, Chief, Edit Branch, were responsible for developing the systems and procedures for data collection, editing, review, and correction. **Donna L. Hambric**, Chief of the Economic Planning Staff, was responsible for overseeing the systems and information for dissemination. **Douglas J. Miller**, Chief, Tables and Dissemination Branch, assisted by **Lisa Aispuro**, **Jamie Fleming**, **Keith Fuller**, **Andrew W. Hait**, and **Kathy G. Padgett** were responsible for developing the data dissemination systems and procedures.

The Geography Division staff, **Robert LaMacchia**, Chief, developed geographic coding procedures and associated computer programs.

The Economic Statistical Methods and Programming Division, **Howard R. Hogan**, Chief, developed and coordinated the computer processing systems. **Barry F. Sessamen**, Assistant Division Chief for Post Collection, was responsible for design and implementation of the processing system and computer programs. **Gary T. Sheridan**, Chief, Macro Analytical Branch, assisted by **Apparao V. Katikineni** and **Edward F. Johnson** provided computer programming and implementation.

The Systems Support Division provided the table composition system. **Robert Joseph Brown**, Table Image Processing System (TIPS) Senior Software Engineer, was responsible for the design and development of the TIPS, under the supervision of **Robert J. Bateman**, Assistant Division Chief, Information Systems.

The staff of the National Processing Center performed mailout preparation and receipt operations, clerical and analytical review activities, and data entry.

**Margaret A. Smith**, **Bernadette J. Beasley**, and **Michael T. Browne** of the Administrative and Customer Services Division, **Walter C. Odom**, Chief, provided publication and printing management, graphics design and composition, and editorial review for print and electronic media. General direction and production management were provided by **James R. Clark**, Assistant Division Chief, and **Susan L. Rappa**, Chief, Publications Services Branch.

Special acknowledgment is also due the many businesses whose cooperation contributed to the publication of these data.

## 2002 Economic Census

### *Manufacturing*

#### Geographic Area Series



**U.S. Department of Commerce**

**Carlos M. Gutierrez,**

Secretary

**David A. Sampson,**

Deputy Secretary

**Economics and Statistics Administration**

**Kathleen B. Cooper,**

Under Secretary for

Economic Affairs

**U.S. CENSUS BUREAU**

**Charles Louis Kincannon,**

Director

---



**Economics  
and Statistics  
Administration**

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



**U.S. CENSUS BUREAU**

**Charles Louis Kincannon,**  
Director

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

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

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

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

## CONTENTS

---

Introduction to the Economic Census .....	v
Manufacturing .....	ix
Tables	
1. Industry Statistics for the State: 2002 .....	1
2. Industry Statistics for Metropolitan and Micropolitan Statistical Areas: 2002 .....	14
3. Industry Statistics for Counties: 2002 .....	78
4. Industry Statistics for Places: 2002 .....	96
5. Detailed Statistics for the State: 2002 .....	115
Appendixes	
A. Explanation of Terms .....	A-1
B. NAICS Codes, Titles, and Descriptions .....	B-1
C. Methodology .....	C-1
D. Geographic Notes .....	D-1
E. Metropolitan Areas and Micropolitan Statistical Areas .....	E-1

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

## **HISTORICAL INFORMATION**

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

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

---

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

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

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

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

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

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



---

This page is intentionally blank.

# 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](http://www.census.gov/nonemployerimpact).

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

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

## REPORTS

The following reports provide statistics on this sector:

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

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

---

## Subject Series:

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

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

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

## GEOGRAPHIC AREAS COVERED

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

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

- 
- 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](http://www.census.gov/epcd/ec02/disclosure.htm).

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

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

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

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

## **CONTACTS FOR DATA USERS**

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

## **ABBREVIATIONS AND SYMBOLS**

The following abbreviations and symbols are used with these data:

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



---

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

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA</b>													
31-33	Manufacturing .....	-	4 457	1 656	289 933	10 602 614	220 127	441 235	6 867 306	38 611 266	42 396 989	81 132 781	2 911 246
311	Food manufacturing .....	1	230	64	17 403	459 352	13 682	26 935	318 789	2 177 694	1 828 054	4 005 896	77 559
3111	Animal food manufacturing .....	-	13	4	327	13 836	200	411	8 504	133 542	134 855	268 581	2 648
31111	Animal food manufacturing ....	-	13	4	327	13 836	200	411	8 504	133 542	134 855	268 581	2 648
311111	Dog and cat food manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling .....	1	14	5	277	10 318	202	452	6 211	86 493	152 470	242 763	2 278
31121	Flour milling and malt manufacturing .....	-	4	2	113	3 906	70	141	1 530	12 414	6 499	18 930	437
311211	Flour milling .....	-	2	2	c	D	D	D	D	D	D	D	D
31122	Starch and vegetable fats and oils manufacturing .....	1	10	3	164	6 412	132	311	4 681	74 079	145 971	223 833	1 841
3113	Sugar and confectionery product manufacturing .....	7	16	2	139	3 748	110	200	2 651	12 141	6 642	18 974	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	10	6	2 255	63 939	2 070	4 051	54 775	749 578	108 990	858 932	10 519
31141	Frozen food manufacturing ....	-	3	2	g	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	-	7	4	f	D	D	D	D	D	D	D	D
311421	Fruit and vegetable canning .	-	5	2	c	D	D	D	D	D	D	D	D
311422	Specialty canning .....	-	2	2	e	D	D	D	D	D	D	D	D
3115	Dairy product manufacturing .....	1	10	6	712	20 165	450	863	10 972	82 373	235 914	319 893	13 835
31151	Dairy product (except frozen) manufacturing .....	1	7	6	707	20 006	445	854	10 850	81 435	235 250	318 291	D
311511	Fluid milk manufacturing ....	2	5	5	f	D	D	D	D	D	D	D	13 780
3116	Animal slaughtering and processing .....	1	57	19	9 388	206 566	8 033	16 157	157 999	603 169	714 526	1 309 271	25 433
31161	Animal slaughtering and processing .....	1	57	19	9 388	206 566	8 033	16 157	157 999	603 169	714 526	1 309 271	25 433
311611	Animal (except poultry) slaughtering .....	-	30	4	2 244	48 796	1 977	3 931	34 480	77 392	217 292	293 783	D
311612	Meat processed from carcasses .....	8	12	5	f	D	D	D	D	D	D	D	1 905
311613	Rendering and meat byproduct processing .....	-	1	1	D	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	14	9	6 428	136 224	5 496	11 041	108 738	466 771	451 545	910 887	16 843
3118	Bakeries and tortilla manufacturing .....	3	76	14	2 839	98 203	1 579	2 952	50 984	291 772	244 733	537 343	14 157
31181	Bread and bakery product manufacturing .....	1	70	12	2 626	87 568	1 408	2 571	43 470	248 622	151 115	399 833	11 311
311811	Retail bakeries .....	6	50	1	276	3 914	131	172	1 869	7 808	3 915	11 732	D
311812	Commercial bakeries .....	1	17	8	1 846	61 022	843	1 639	24 272	188 904	96 976	286 010	8 278
311813	Frozen cakes, pies, and other pastries manufacturing .....	-	3	3	504	22 632	434	760	17 329	51 910	50 224	102 091	D
31182	Cookie, cracker, and pasta manufacturing .....	9	6	2	213	10 635	171	381	7 514	43 150	93 618	137 510	2 846
311823	Dry pasta manufacturing ....	9	2	1	c	D	D	D	D	D	D	D	D
3119	Other food manufacturing .....	3	30	8	1 455	41 894	1 033	1 840	26 580	217 352	217 448	436 389	8 457
31191	Snack food manufacturing ....	4	3	2	e	D	D	D	D	D	D	D	D
311911	Roasted nuts and peanut butter manufacturing .....	9	1	1	c	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing .....	-	2	1	c	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing .....	4	8	3	523	18 170	406	683	12 894	102 042	117 708	223 136	D
311941	Mayonnaise, dressing, and other prepared sauce manufacturing .....	9	5	1	c	D	D	D	D	D	D	D	2 098
311942	Spice and extract manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
31199	All other food manufacturing ...	1	18	3	543	10 579	387	700	7 146	60 974	52 746	112 706	320
311991	Perishable prepared food manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
311999	All other miscellaneous food manufacturing .....	4	17	2	c	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	-	17	4	738	22 935	280	636	9 087	177 144	266 022	442 788	12 037
3121	Beverage manufacturing .....	-	15	4	f	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	-	10	4	729	22 600	273	624	8 852	175 864	264 723	440 209	11 758
312111	Soft drink manufacturing ....	-	4	3	642	19 838	238	557	7 740	167 601	260 470	427 709	11 024

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
313	Textile mills .....	1	'277	'203	'39 648	'1 124 526	'34 295	'69 567	'858 481	'2 897 177	'4 090 560	'7 067 343	'261 730
3131	Fiber, yarn, and thread mills .....	1	44	36	6 633	167 778	5 959	12 410	135 811	323 801	860 234	1 181 568	36 723
31311	Fiber, yarn, and thread mills ...	1	44	36	6 633	167 778	5 959	12 410	135 811	323 801	860 234	1 181 568	36 723
313111	Yarn spinning mills .....	—	32	27	4 020	104 842	3 564	7 170	83 179	187 308	426 475	618 372	19 548
313112	Yarn texturizing, throwing, and twisting mills .....	2	11	9	h	D	D	D	D	D	D	D	D
3132	Fabric mills .....	1	'155	'118	'22 371	'647 669	'19 332	'38 504	'495 809	'1 547 159	'1 905 798	'3 483 902	'166 367
31321	Broadwoven fabric mills .....	1	'90	'69	'16 257	'453 377	'14 402	'28 311	'359 508	'1 042 505	'1 389 583	'2 457 835	'99 745
313210	Broadwoven fabric mills .....	1	'90	'69	'16 257	'453 377	'14 402	'28 311	'359 508	'1 042 505	'1 389 583	'2 457 835	'99 745
31322	Narrow fabric mills and schiffli machine embroidery .....	4	16	15	1 361	31 178	1 174	2 347	22 907	63 572	65 306	130 823	3 330
313221	Narrow fabric mills .....	4	13	13	g	D	D	D	D	D	D	D	D
313222	Schiffli machine embroidery ..	—	3	2	c	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	—	29	24	3 079	114 941	2 382	4 999	78 982	307 017	281 499	591 205	58 303
313230	Nonwoven fabric mills .....	—	29	24	3 079	114 941	2 382	4 999	78 982	307 017	281 499	591 205	58 303
31324	Knit fabric mills .....	—	20	10	1 674	48 173	1 374	2 847	34 412	134 065	169 410	304 039	4 989
313241	Weft knit fabric mills .....	1	10	5	754	19 744	623	1 266	14 937	39 780	74 156	113 978	2 767
313249	Other knit fabric and lace mills .....	—	10	5	920	28 429	751	1 581	19 475	94 285	95 254	190 061	2 222
3133	Textile and fabric finishing and fabric coating mills .....	—	'78	'49	'10 644	'309 079	'9 004	'18 653	'226 861	'1 026 217	'1 324 528	'2 401 873	'58 640
31331	Textile and fabric finishing mills .....	—	70	46	10 360	300 472	8 797	18 221	221 930	1 007 175	1 305 295	2 362 548	D
313311	Broadwoven fabric finishing mills .....	—	58	39	9 872	287 492	8 379	17 350	212 308	977 777	1 277 163	2 304 958	56 307
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	3	12	7	488	12 980	418	871	9 622	29 398	28 132	57 590	D
31332	Fabric coating mills .....	1	'8	'3	'284	'8 607	'207	'432	'4 931	'19 042	'19 233	'39 325	D
313320	Fabric coating mills .....	1	'8	'3	'284	'8 607	'207	'432	'4 931	'19 042	'19 233	'39 325	D
314	Textile product mills .....	—	171	66	'11 701	'283 144	'10 052	'19 825	'213 687	'806 684	'1 419 494	'2 245 184	'26 343
3141	Textile furnishings mills .....	—	'80	'35	'7 632	'177 966	'6 627	'13 358	'137 772	'595 482	'1 065 706	'1 671 700	'22 755
31411	Carpet and rug mills .....	4	13	7	1 381	35 883	1 219	2 642	27 883	108 940	131 451	248 073	3 486
314110	Carpet and rug mills .....	4	13	7	1 381	35 883	1 219	2 642	27 883	108 940	131 451	248 073	3 486
31412	Curtain and linen mills .....	—	'67	'28	'6 251	'142 083	'5 408	'10 716	'109 889	'486 542	'934 255	'1 423 627	'19 269
314121	Curtain and drapery mills ...	—	32	5	635	12 835	533	1 032	8 318	33 435	14 756	49 044	556
314129	Other household textile product mills .....	—	'35	'23	'5 616	'129 248	'4 875	'9 684	'101 571	'453 107	'919 499	'1 374 583	'18 713
3149	Other textile product mills .....	—	'91	'31	'4 069	'105 178	'3 425	'6 467	'75 915	'211 202	'353 788	'573 484	'3 588
31491	Textile bag and canvas mills ...	2	'29	'9	'389	'10 362	'321	'583	'7 259	'26 468	'17 384	'43 077	'318
314912	Canvas and related product mills .....	1	22	7	306	8 618	251	455	6 224	24 217	13 576	37 036	279
31499	All other textile product mills ...	—	62	22	3 680	94 816	3 104	5 884	68 656	184 734	336 404	530 407	3 270
314992	Tire cord and tire fabric mills ...	—	3	2	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	—	55	19	3 209	78 890	2 727	5 114	57 262	159 266	260 249	427 322	D
315	Apparel manufacturing .....	2	'115	'50	'4 917	'94 452	'4 333	'7 636	'73 478	'160 099	'282 184	'469 467	D
3151	Apparel knitting mills .....	—	12	8	1 658	39 095	1 550	3 000	34 502	75 792	163 833	238 739	2 759
31511	Hosiery and sock mills .....	—	7	5	1 483	35 034	1 392	2 686	31 265	71 822	156 690	227 960	2 641
315111	Sheer hosiery mills .....	—	4	3	f	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills ...	—	3	2	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills ...	9	5	3	175	4 061	158	314	3 237	3 970	7 143	10 779	118
315191	Outerwear knitting mills .....	9	5	3	175	4 061	158	314	3 237	3 970	7 143	10 779	118
3152	Cut and sew apparel manufacturing .....	3	89	40	3 076	50 145	2 656	4 377	36 282	71 959	105 739	205 734	D
31521	Cut and sew apparel contractors .....	5	56	23	1 780	25 503	1 541	2 355	18 529	43 042	11 656	54 984	906
315211	Men's and boys' cut and sew apparel contractors .....	5	15	7	770	11 207	671	894	7 964	21 150	3 080	24 252	644
315212	Women's, girls', and infants' cut and sew apparel contractors .....	6	41	16	1 010	14 296	870	1 461	10 565	21 892	8 576	30 732	262
31522	Men's and boys' cut and sew apparel manufacturing .....	6	14	8	613	12 903	521	959	8 853	30 747	27 880	54 724	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing .....	—	3	3	c	D	D	D	D	D	D	D	D
315224	Men's and boys' cut and sew trouser, slack, and jean manufacturing .....	9	2	2	c	D	D	D	D	D	D	D	D
315225	Men's and boys' cut and sew work clothing manufacturing .....	7	2	2	c	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing .....	—	11	3	280	5 791	235	441	4 272	S	51 161	70 978	D
315233	Women's and girls' cut and sew dress manufacturing ...	—	3	1	c	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing .....	1	8	6	403	5 948	359	622	4 628	5 080	15 042	25 048	193
315299	All other cut and sew apparel manufacturing .....	1	7	6	e	D	D	D	D	D	D	D	193

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
315	Apparel manufacturing—Con.												
3159	Apparel accessories and other apparel manufacturing .....	'1	'14	'2	'183	'5 212	'127	'259	'2 694	'12 348	'12 612	'24 994	'54
31599	Apparel accessories and other apparel manufacturing .....	'1	'14	'2	'183	'5 212	'127	'259	'2 694	'12 348	'12 612	'24 994	'54
315999	Other apparel accessories and other apparel manufacturing .....	'1	'12	'2	c	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	276	107	9 414	281 004	7 771	16 406	206 574	679 548	1 173 352	1 855 943	58 328
3211	Sawmills and wood preservation ..	1	'83	'31	'3 072	'96 885	'2 567	'5 691	'74 830	'206 848	'606 310	'817 526	'29 095
32111	Sawmills and wood preservation .....	1	'83	'31	'3 072	'96 885	'2 567	'5 691	'74 830	'206 848	'606 310	'817 526	'29 095
321113	Sawmills .....	1	'60	'24	'2 404	'77 765	'2 057	'4 556	'62 945	'158 861	'400 847	'556 389	'25 226
321114	Wood preservation .....	—	23	7	668	19 120	510	1 135	11 885	47 987	205 463	261 137	3 869
3212	Veneer, plywood, and engineered wood product manufacturing....	—	41	30	3 032	94 802	2 546	5 438	71 308	248 350	323 566	570 719	14 233
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	41	30	3 032	94 802	2 546	5 438	71 308	248 350	323 566	570 719	14 233
321211	Hardwood veneer and plywood manufacturing ....	—	11	6	539	11 386	491	1 064	9 213	76 179	43 849	120 471	1 694
321212	Softwood veneer and plywood manufacturing ....	—	4	4	980	35 014	892	1 992	30 288	57 848	110 641	164 977	D
321214	Truss manufacturing .....	1	15	11	f	D	D	D	D	D	D	D	1 148
321219	Reconstituted wood product manufacturing .....	—	9	7	883	30 247	690	1 400	20 615	81 996	130 065	214 059	10 933
3219	Other wood product manufacturing .....	2	'152	'46	'3 310	'89 317	'2 658	'5 277	'60 436	'224 350	'243 476	'467 698	'15 000
32191	Millwork .....	2	'67	'28	'1 883	'53 829	'1 570	'3 158	'38 577	'134 137	'174 880	'308 745	'9 984
321911	Wood window and door manufacturing .....	—	21	11	779	22 919	632	1 286	16 057	57 236	69 292	127 219	6 459
321912	Cut stock, resawing lumber, and planing .....	3	20	12	654	19 449	581	1 186	15 636	47 771	74 624	120 902	1 571
321918	Other millwork (including flooring) .....	2	'26	'5	'450	'11 461	'357	'686	'6 884	'29 130	'30 964	'60 624	'1 954
32192	Wood container and pallet manufacturing .....	1	52	11	627	13 015	538	1 034	10 467	28 739	24 242	53 150	1 059
321920	Wood container and pallet manufacturing .....	1	52	11	627	13 015	538	1 034	10 467	28 739	24 242	53 150	1 059
32199	All other wood product manufacturing .....	1	33	7	800	22 473	550	1 085	11 392	61 474	44 354	105 803	3 957
321991	Manufactured home (mobile home) manufacturing .....	2	6	2	c	D	D	D	D	D	D	D	D
321992	Prefabricated wood building manufacturing .....	—	4	1	c	D	D	D	D	D	D	D	D
321999	All other miscellaneous wood product manufacturing .....	1	23	4	374	8 704	320	613	6 372	23 634	23 713	47 565	456
322	Paper manufacturing .....	—	99	67	13 323	609 744	10 424	21 322	423 914	2 587 945	2 330 510	4 914 527	188 184
3221	Pulp, paper, and paperboard mills .....	—	11	11	6 621	367 929	5 078	10 652	260 492	1 797 982	1 405 047	3 206 803	116 050
32212	Paper mills .....	—	5	5	4 097	253 716	3 110	6 352	179 905	1 324 342	996 232	2 320 846	94 817
322121	Paper (except newsprint) mills .....	—	5	5	4 097	253 716	3 110	6 352	179 905	1 324 342	996 232	2 320 846	94 817
32213	Paperboard mills .....	—	6	6	2 524	114 213	1 968	4 300	80 587	473 640	408 815	885 957	21 233
322130	Paperboard mills .....	—	6	6	2 524	114 213	1 968	4 300	80 587	473 640	408 815	885 957	21 233
3222	Converted paper product manufacturing .....	—	88	56	6 702	241 815	5 346	10 670	163 422	789 963	925 463	1 707 724	72 134
32221	Paperboard container manufacturing .....	—	51	36	3 792	131 241	3 022	6 212	87 418	357 555	489 155	843 965	40 009
322211	Corrugated and solid fiber box manufacturing .....	—	31	25	2 341	83 902	1 766	3 796	49 947	220 402	336 573	556 234	29 571
322212	Folding paperboard box manufacturing .....	—	7	5	c	D	D	D	D	D	D	D	5 221
322214	Fiber can, tube, drum, and similar products manufacturing .....	—	10	4	622	19 844	537	955	15 694	41 549	61 641	103 120	D
322215	Nonfolding sanitary food container manufacturing ...	—	2	2	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	18	11	1 907	74 186	1 485	2 720	49 143	315 436	240 103	554 989	17 655
322222	Coated and laminated paper manufacturing .....	—	9	6	1 204	50 687	896	1 550	31 484	259 731	175 121	433 461	13 983
322224	Uncoated paper and multiwall bag manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing .....	3	3	2	c	D	D	D	D	D	D	D	D
322231	Die-cut paper and paperboard office supplies manufacturing .....	9	2	1	c	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing .....	2	16	7	f	D	D	D	D	D	D	D	D
322291	Sanitary paper product manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing .....	4	12	6	e	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	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
323	Printing and related support activities .....	1	394	66	5 943	197 095	4 305	7 428	122 434	460 130	359 657	815 581	60 820
3231	Printing and related support activities .....	1	394	66	5 943	197 095	4 305	7 428	122 434	460 130	359 657	815 581	60 820
32311	Printing .....	1	376	61	5 719	188 088	4 142	7 131	116 947	442 477	355 560	794 886	60 184
323110	Commercial lithographic printing .....	2	161	34	2 760	91 653	1 919	3 266	52 553	185 728	111 729	296 208	21 486
323111	Commercial gravure printing .....	—	5	2	f	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing .....	5	8	2	116	4 339	83	150	2 310	9 247	7 512	16 557	D
323113	Commercial screen printing .....	1	72	13	862	21 514	661	1 127	14 324	48 618	37 611	86 354	D
323114	Quick printing .....	4	92	1	377	9 849	241	381	5 697	20 371	9 419	29 780	588
323116	Manifold business forms printing .....	1	10	5	327	11 231	216	440	6 924	55 671	89 294	144 568	D
323119	Other commercial printing .....	3	18	3	304	11 751	201	285	6 091	22 019	14 407	36 414	D
32312	Support activities for printing .....	3	18	5	224	9 007	163	297	5 487	17 653	4 097	20 695	636
323122	Prepress services .....	3	9	4	172	7 555	119	224	4 236	14 378	3 216	17 697	549
324	Petroleum and coal products manufacturing .....	—	19	4	e	D	D	D	D	D	D	D	2 693
3241	Petroleum and coal products manufacturing .....	—	19	4	e	D	D	D	D	D	D	D	2 693
32412	Asphalt paving, roofing, and saturated materials manufacturing .....	—	16	2	c	D	D	D	D	D	D	D	D
324121	Asphalt paving mixture and block manufacturing .....	—	15	2	177	8 251	121	271	5 704	23 853	52 659	76 482	D
32419	Other petroleum and coal products manufacturing .....	—	3	2	c	D	D	D	D	D	D	D	D
324191	Petroleum lubricating oil and grease manufacturing .....	—	2	2	c	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	249	136	33 826	1 739 181	19 158	39 517	787 895	5 756 304	6 429 918	12 168 503	415 927
3251	Basic chemical manufacturing .....	—	'70	'41	'15 453	'972 072	'5 803	'12 329	'287 641	'2 472 651	'1 301 021	'3 765 485	'139 304
32511	Petrochemical manufacturing .....	—	1	1	c	D	D	D	D	D	D	D	D
325110	Petrochemical manufacturing .....	—	1	1	c	D	D	D	D	D	D	D	D
32512	Industrial gas manufacturing .....	—	14	3	c	D	D	D	D	D	D	D	D
325120	Industrial gas manufacturing .....	—	14	3	c	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing .....	1	13	10	g	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing .....	1	12	9	957	53 408	524	1 178	24 037	274 373	192 165	460 727	17 375
32518	Other basic inorganic chemical manufacturing .....	—	16	7	11 438	746 252	3 927	8 253	202 900	1 368 760	216 259	1 581 180	61 621
325188	All other basic inorganic chemical manufacturing .....	—	16	7	11 438	746 252	3 927	8 253	202 900	1 368 760	216 259	1 581 180	61 621
32519	Other basic organic chemical manufacturing .....	—	'26	'20	'2 592	'144 450	'1 127	'2 395	'48 201	'522 427	'515 027	'1 044 032	'50 344
325192	Cyclic crude and intermediate manufacturing .....	—	2	2	c	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing .....	—	'23	'17	'2 371	'131 801	'1 015	'2 149	'42 761	'467 456	'484 018	'955 645	'47 272
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	33	29	9 207	391 606	7 003	14 807	272 171	1 545 345	2 883 670	4 408 340	114 898
32521	Resin and synthetic rubber manufacturing .....	—	17	14	2 842	136 575	1 989	4 159	78 941	345 526	1 148 664	1 478 398	44 222
325211	Plastics material and resin manufacturing .....	—	15	13	h	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing .....	1	16	15	6 365	255 031	5 014	10 648	193 230	1 199 819	1 735 006	2 929 942	70 676
325222	Noncellulosic organic fiber manufacturing .....	1	16	15	6 365	255 031	5 014	10 648	193 230	1 199 819	1 735 006	2 929 942	70 676
3253	Pesticide, fertilizer, and other agricultural chemical manufacturing .....	'2	'16	'4	'268	'8 071	'202	'390	'5 011	'25 246	'40 238	'66 583	'2 003
32531	Fertilizer manufacturing .....	2	14	4	e	D	D	D	D	D	D	D	D
325314	Fertilizer (mixing only) manufacturing .....	2	13	4	261	7 626	198	381	4 758	21 728	38 405	61 232	1 898
3254	Pharmaceutical and medicine manufacturing .....	3	18	14	3 337	113 564	2 219	3 463	58 432	718 235	700 218	1 437 648	33 541
32541	Pharmaceutical and medicine manufacturing .....	3	18	14	3 337	113 564	2 219	3 463	58 432	718 235	700 218	1 437 648	33 541
325411	Medicinal and botanical manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	4	12	10	h	D	D	D	D	D	D	D	30 792
325414	Biological product (except diagnostic) manufacturing .....	6	3	3	c	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing .....	—	29	15	1 225	44 179	827	1 766	25 634	249 025	248 653	496 288	8 220
32551	Paint and coating manufacturing .....	—	17	10	721	22 825	516	1 141	15 721	111 836	80 649	190 998	3 726
325510	Paint and coating manufacturing .....	—	17	10	721	22 825	516	1 141	15 721	111 836	80 649	190 998	3 726
32552	Adhesive manufacturing .....	—	12	5	504	21 354	311	625	9 913	137 189	168 004	305 290	4 494
325520	Adhesive manufacturing .....	—	12	5	504	21 354	311	625	9 913	137 189	168 004	305 290	4 494

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
325	Chemical manufacturing—Con.												
3256	Soap, cleaning compound, and toilet preparation manufacturing . . .	1	37	11	802	44 312	402	866	16 255	185 346	282 662	469 312	11 085
32561	Soap and cleaning compound manufacturing . . . . .	1	34	11	786	43 664	390	844	15 888	181 511	281 111	463 926	D
325611	Soap and other detergent manufacturing . . . . .	1	11	1	119	4 393	93	204	2 096	25 312	19 120	43 887	398
325613	Surface active agent manufacturing . . . . .	—	17	9	590	36 323	242	525	12 243	141 411	255 622	398 882	D
3259	Other chemical product and preparation manufacturing . . . . .	1	46	22	3 534	165 377	2 702	5 896	122 751	560 456	973 456	1 524 847	106 876
32591	Printing ink manufacturing . . . . .	—	8	2	143	6 110	95	188	4 080	31 886	30 743	62 226	526
325910	Printing ink manufacturing . . . . .	—	8	2	143	6 110	95	188	4 080	31 886	30 743	62 226	526
32599	All other chemical product and preparation manufacturing . . .	1	38	20	3 391	159 267	2 607	5 708	118 671	528 570	942 713	1 462 621	106 350
325991	Custom compounding of purchased resins . . . . .	4	12	3	405	14 253	308	647	9 682	41 059	59 987	100 240	1 344
325992	Photographic film, paper, plate, and chemical manufacturing . . . . .	—	7	5	1 827	86 691	1 583	3 439	73 314	207 808	713 414	911 505	D
325998	All other miscellaneous chemical product and preparation manufacturing .	2	19	12	1 159	58 323	716	1 622	35 675	279 703	169 312	450 876	D
326	Plastics and rubber products manufacturing . . . . .	2	'232	'134	'23 271	'911 060	'18 620	'37 694	'646 059	'2 983 705	'2 783 066	'5 752 838	'338 499
3261	Plastics product manufacturing . . .	3	184	111	15 943	579 727	12 409	24 861	378 646	1 881 163	1 578 364	3 440 458	224 925
32611	Plastics packaging materials and un laminated film and sheet manufacturing . . . . .	6	26	19	5 207	225 485	3 946	7 700	145 857	811 495	595 507	1 395 784	122 717
326111	Plastics bag manufacturing . . . . .	3	7	5	e	D	D	D	D	D	D	D	1 672
326112	Plastics packaging film and sheet (including laminated) manufacturing . . . . .	8	4	3	g	D	D	D	D	D	D	D	D
326113	Un laminated plastics film and sheet (except packaging) manufacturing . . . . .	3	15	11	2 904	115 107	2 057	3 910	63 907	252 046	340 833	583 328	D
32612	Plastics pipe, pipe fitting, and un laminated profile shape manufacturing . . . . .	—	18	12	1 513	54 871	1 203	2 520	35 095	139 760	159 399	297 740	17 316
326121	Un laminated plastics profile shape manufacturing . . . . .	—	14	8	1 209	45 799	938	1 994	27 724	109 076	119 306	226 660	D
326122	Plastics pipe and pipe fitting manufacturing . . . . .	1	4	4	304	9 072	265	526	7 371	30 684	40 093	71 080	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing . . . . .	—	6	4	494	13 506	337	614	9 461	27 096	29 669	54 300	4 290
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing . .	—	6	4	494	13 506	337	614	9 461	27 096	29 669	54 300	4 290
32615	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	5	4	288	11 236	194	415	5 259	25 542	38 387	64 603	813
326150	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	5	4	288	11 236	194	415	5 259	25 542	38 387	64 603	813
32616	Plastics bottle manufacturing . . . . .	—	9	8	525	20 879	466	1 055	17 349	85 067	138 917	220 676	5 589
326160	Plastics bottle manufacturing . . . . .	—	9	8	525	20 879	466	1 055	17 349	85 067	138 917	220 676	5 589
32619	Other plastics product manufacturing . . . . .	1	116	63	7 846	251 877	6 209	12 445	164 319	787 910	612 441	1 398 764	73 993
326191	Plastics plumbing fixture manufacturing . . . . .	4	12	6	c	D	D	D	D	D	D	D	614
326199	All other plastics product manufacturing . . . . .	1	101	57	7 589	244 279	6 022	12 073	159 581	774 267	603 494	1 376 227	73 266
3262	Rubber product manufacturing . . . . .	—	'48	'23	'7 328	'331 333	'6 211	'12 833	'267 413	'1 102 542	'1 204 702	'2 312 380	'113 574
32621	Tire manufacturing . . . . .	—	16	8	4 792	240 564	4 212	8 874	201 858	794 048	811 172	1 610 577	D
326211	Tire manufacturing (except retreading) . . . . .	—	7	5	4 660	237 002	4 112	8 674	199 440	786 101	797 086	1 588 307	D
326212	Tire retreading . . . . .	6	9	3	132	3 562	100	200	2 418	7 947	14 086	22 270	417
32622	Rubber and plastics hoses and belting manufacturing . . . . .	—	13	5	950	28 635	699	1 371	17 111	99 249	71 874	170 815	D
326220	Rubber and plastics hoses and belting manufacturing . .	—	13	5	950	28 635	699	1 371	17 111	99 249	71 874	170 815	D
32629	Other rubber product manufacturing . . . . .	—	'19	'10	'1 586	'62 134	'1 300	'2 588	'48 444	'209 245	'321 656	'530 988	'24 802
326291	Rubber product manufacturing for mechanical use . . . . .	—	10	6	e	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing . . . . .	—	'9	'4	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing . . . . .	1	'250	'86	'8 581	'323 661	'6 551	'13 319	'229 825	'1 059 057	'691 993	'1 746 848	'214 428
3271	Clay product and refractory manufacturing . . . . .	1	21	12	2 067	75 151	1 669	3 128	57 218	214 657	83 579	298 030	15 115



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
327	Nonmetallic mineral product manufacturing—Con.												
3271	Clay product and refractory manufacturing—Con.												
32711	Pottery, ceramics, and plumbing fixture manufacturing .....	1	8	4	1 223	47 020	1 020	1 821	35 203	116 204	51 671	165 701	8 071
327111	Vitreous china and earthenware plumbing fixture and accessories mfg .....	—	1	1	f	D	D	D	D	D	D	D	D
327113	Porcelain electrical supply manufacturing .....	4	3	3	e	D	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing ....	1	13	8	844	28 131	649	1 307	22 015	98 453	31 908	132 329	7 044
327121	Brick and structural clay tile manufacturing .....	1	8	7	785	26 556	597	1 222	20 942	95 810	30 718	127 011	6 862
3272	Glass and glass product manufacturing .....	1	29	12	1 620	71 215	1 256	2 719	52 227	321 927	233 680	557 487	36 561
32721	Glass and glass product manufacturing .....	1	29	12	1 620	71 215	1 256	2 719	52 227	321 927	233 680	557 487	36 561
327211	Flat glass manufacturing ....	—	1	1	e	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing .....	3	9	5	748	37 565	631	1 361	29 495	163 079	96 875	259 952	21 920
327215	Glass product manufacturing made of purchased glass ..	—	18	6	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	1	151	51	4 165	151 296	3 096	6 434	103 372	450 447	328 624	773 594	160 092
32731	Cement manufacturing .....	—	4	3	497	28 578	380	884	20 260	140 131	70 853	205 757	D
327310	Cement manufacturing .....	—	4	3	497	28 578	380	884	20 260	140 131	70 853	205 757	D
32732	Ready-mix concrete manufacturing .....	2	86	21	1 362	48 860	1 140	2 321	37 199	130 237	146 111	276 384	11 373
327320	Ready-mix concrete manufacturing .....	2	86	21	1 362	48 860	1 140	2 321	37 199	130 237	146 111	276 384	11 373
32733	Concrete pipe, brick, and block manufacturing .....	2	19	13	784	28 115	520	1 123	17 429	66 162	48 828	114 524	3 905
327331	Concrete block and brick manufacturing .....	3	13	7	421	15 593	265	575	8 878	40 107	31 512	70 893	3 007
327332	Concrete pipe manufacturing .....	—	6	6	363	12 522	255	548	8 551	26 055	17 316	43 631	898
32739	Other concrete product manufacturing .....	1	42	14	1 522	45 743	1 056	2 106	28 484	113 917	62 832	176 929	D
327390	Other concrete product manufacturing .....	1	42	14	1 522	45 743	1 056	2 106	28 484	113 917	62 832	176 929	D
3279	Other nonmetallic mineral product manufacturing .....	3	47	11	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing .....	3	45	10	f	D	D	D	D	D	D	D	2 589
327991	Cut stone and stone product manufacturing .....	4	31	2	c	D	D	D	D	D	D	D	392
327992	Ground or treated mineral and earth manufacturing ...	—	6	3	166	5 799	120	232	3 835	23 851	9 955	33 735	D
327999	All other miscellaneous nonmetallic mineral product manufacturing .....	5	7	4	287	11 251	183	380	6 464	31 019	25 994	56 816	1 488
331	Primary metal manufacturing .....	—	65	31	6 131	280 536	5 000	10 145	213 010	878 427	1 635 487	2 537 864	72 269
3311	Iron and steel mills and ferroalloy manufacturing .....	—	10	7	2 718	146 990	2 340	4 844	121 683	545 794	1 061 805	1 608 770	27 189
33111	Iron and steel mills and ferroalloy manufacturing .....	—	10	7	2 718	146 990	2 340	4 844	121 683	545 794	1 061 805	1 608 770	27 189
331111	Iron and steel mills .....	—	10	7	2 718	146 990	2 340	4 844	121 683	545 794	1 061 805	1 608 770	27 189
3312	Steel product manufacturing from purchased steel .....	—	15	9	850	29 515	630	1 138	18 392	79 900	176 395	268 204	10 540
33122	Rolling and drawing of purchased steel .....	—	14	8	f	D	D	D	D	D	D	D	D
331221	Rolled steel shape manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
331222	Steel wire drawing .....	—	12	6	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	—	10	4	1 013	51 285	735	1 703	32 922	121 511	298 593	427 095	16 278
33131	Alumina and aluminum production and processing ...	—	10	4	1 013	51 285	735	1 703	32 922	121 511	298 593	427 095	16 278
331312	Primary aluminum production .....	—	1	1	e	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
331316	Aluminum extruded product manufacturing .....	—	3	2	309	9 948	258	615	8 049	11 634	27 266	36 214	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 <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
331	Primary metal manufacturing—Con.												
3314	Nonferrous metal (except aluminum) production and processing .....	—	8	4	646	23 990	520	927	18 695	60 636	60 405	125 140	12 751
33142	Copper rolling, drawing, extruding, and alloying .....	—	1	1	e	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing .....	—	1	1	e	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	—	7	3	e	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	—	2	2	e	D	D	D	D	D	D	D	D
3315	Foundries .....	—	22	7	904	28 756	775	1 533	21 318	70 586	38 289	108 655	5 511
33151	Ferrous metal foundries .....	1	9	2	437	14 273	372	689	10 401	26 174	17 786	44 168	291
331511	Iron foundries .....	—	6	2	e	D	D	D	D	D	D	D	D
33152	Nonferrous metal foundries .....	—	13	5	467	14 483	403	844	10 917	44 412	20 503	64 487	5 220
331521	Aluminum die-casting foundries .....	—	1	1	c	D	D	D	D	D	D	D	D
331522	Nonferrous (except aluminum) die-casting foundries .....	1	2	2	c	D	D	D	D	D	D	D	D
331525	Copper foundries (except die-casting) .....	—	3	1	c	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	768	231	27 375	965 190	21 073	41 609	657 627	2 472 159	2 170 833	4 640 909	156 153
3321	Forging and stamping .....	3	29	16	1 160	46 217	877	1 922	30 218	123 850	137 686	259 847	16 598
33211	Forging and stamping .....	3	29	16	1 160	46 217	877	1 922	30 218	123 850	137 686	259 847	16 598
332111	Iron and steel forging .....	3	5	3	207	8 445	161	357	5 818	15 598	28 138	42 453	509
332112	Nonferrous forging .....	—	1	1	c	D	D	D	D	D	D	D	D
332114	Custom roll forming .....	3	9	5	314	12 227	227	520	7 136	40 491	39 311	78 399	D
332116	Metal stamping .....	5	12	5	408	16 355	311	659	10 811	33 530	40 879	74 284	2 949
3322	Cutlery and handtool manufacturing .....	—	19	8	1 850	57 464	1 516	2 974	41 198	166 771	130 335	299 149	D
33221	Cutlery and handtool manufacturing .....	—	19	8	1 850	57 464	1 516	2 974	41 198	166 771	130 335	299 149	D
332212	Hand and edge tool manufacturing .....	—	15	6	g	D	D	D	D	D	D	D	D
332213	Saw blade and handsaw manufacturing .....	—	2	2	c	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	1	180	59	5 456	189 204	3 634	7 145	106 447	416 172	482 598	896 234	21 579
33231	Plate work and fabricated structural product manufacturing .....	1	97	37	3 864	141 743	2 497	4 991	76 456	303 732	386 093	687 607	16 879
332311	Prefabricated metal building and component manufacturing .....	—	14	4	587	19 182	350	626	9 457	47 148	34 374	78 728	D
332312	Fabricated structural metal manufacturing .....	1	66	26	2 745	105 902	1 740	3 532	56 018	223 705	314 348	538 842	9 060
332313	Plate work manufacturing .....	3	17	7	532	16 659	407	833	10 981	32 879	37 371	70 037	D
33232	Ornamental and architectural metal products manufacturing .....	1	83	22	1 592	47 461	1 137	2 154	29 991	112 440	96 505	208 627	4 700
332321	Metal window and door manufacturing .....	—	14	7	753	19 504	525	972	12 074	47 226	39 080	87 155	1 478
332322	Sheet metal work manufacturing .....	2	45	14	688	23 384	512	1 011	15 339	58 101	50 454	107 401	2 908
332323	Ornamental and architectural metal work manufacturing ..	2	24	1	151	4 573	100	171	2 578	7 113	6 971	14 071	314
3324	Boiler, tank, and shipping container manufacturing .....	—	19	14	1 231	48 892	1 005	2 340	36 223	176 949	236 256	412 748	11 071
33241	Power boiler and heat exchanger manufacturing .....	—	4	4	331	13 896	260	577	10 046	38 080	19 846	58 153	D
332410	Power boiler and heat exchanger manufacturing ..	—	4	4	331	13 896	260	577	10 046	38 080	19 846	58 153	D
33242	Metal tank (heavy gauge) manufacturing .....	5	5	4	222	8 644	171	560	5 503	21 204	12 743	34 150	D
332420	Metal tank (heavy gauge) manufacturing .....	5	5	4	222	8 644	171	560	5 503	21 204	12 743	34 150	D
33243	Metal can, box, and other metal container (light gauge) manufacturing .....	—	10	6	678	26 352	574	1 203	20 674	117 665	203 667	320 445	D
332431	Metal can manufacturing .....	—	4	4	405	18 253	343	740	14 746	98 865	178 435	276 480	D
332439	Other metal container manufacturing .....	3	6	2	273	8 099	231	463	5 928	18 800	25 232	43 965	466
3325	Hardware manufacturing .....	—	4	3	580	23 581	413	907	10 853	51 782	26 050	77 063	D
33251	Hardware manufacturing .....	—	4	3	580	23 581	413	907	10 853	51 782	26 050	77 063	D
332510	Hardware manufacturing .....	—	4	3	580	23 581	413	907	10 853	51 782	26 050	77 063	D
3326	Spring and wire product manufacturing .....	3	26	7	470	15 532	357	740	9 001	41 907	34 497	76 690	1 962
33261	Spring and wire product manufacturing .....	3	26	7	470	15 532	357	740	9 001	41 907	34 497	76 690	1 962
332618	Other fabricated wire product manufacturing .....	4	20	5	346	10 786	266	540	6 315	31 845	28 158	60 255	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	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
332	Fabricated metal product manufacturing—Con.												
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	3	333	56	3 819	136 263	2 918	5 455	92 319	298 809	149 976	446 320	36 418
33271	Machine shops .....	3	302	42	2 985	106 694	2 259	4 114	72 084	203 535	100 671	305 735	30 924
332710	Machine shops .....	3	302	42	2 985	106 694	2 259	4 114	72 084	203 535	100 671	305 735	30 924
33272	Turned product and screw, nut, and bolt manufacturing .....	2	31	14	834	29 569	659	1 341	20 235	95 274	49 305	140 585	5 494
332721	Precision turned product manufacturing .....	2	22	11	628	22 552	492	969	15 394	62 855	32 240	92 545	4 760
332722	Bolt, nut, screw, rivet, and washer manufacturing .....	1	9	3	206	7 017	167	372	4 841	32 419	17 065	48 040	734
3328	Coating, engraving, heat treating, and allied activities .....	—	67	19	1 570	49 430	1 062	2 176	31 200	106 735	154 161	253 839	9 818
33281	Coating, engraving, heat treating, and allied activities ..	—	67	19	1 570	49 430	1 062	2 176	31 200	106 735	154 161	253 839	9 818
332811	Metal heat treating .....	1	9	1	146	4 626	115	222	3 270	11 731	2 319	14 056	525
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	29	10	910	27 635	544	1 144	16 195	59 545	138 257	190 719	7 551
332813	Electroplating, plating, polishing, anodizing, and coloring .....	—	29	8	514	17 169	403	810	11 735	35 459	13 585	49 064	1 742
3329	Other fabricated metal product manufacturing .....	—	91	49	11 239	398 607	9 291	17 950	300 168	1 089 184	819 274	1 919 019	49 641
33291	Metal valve manufacturing ....	1	19	16	3 568	118 901	2 798	5 494	80 256	357 998	274 975	640 180	13 166
332911	Industrial valve manufacturing .....	—	6	6	1 767	52 942	1 490	2 955	38 938	167 996	74 456	246 080	4 225
332912	Fluid power valve and hose fitting manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing .....	4	3	2	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing .....	1	7	6	692	24 618	561	1 181	17 519	100 436	89 965	190 633	4 399
33299	All other fabricated metal product manufacturing .....	—	72	33	7 671	279 706	6 493	12 456	219 912	731 186	544 299	1 278 839	36 475
332991	Ball and roller bearing manufacturing .....	—	13	12	5 684	207 698	4 906	9 097	166 527	575 010	412 686	985 480	30 124
332994	Small arms manufacturing ...	9	1	1	c	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing .....	—	10	3	670	25 563	495	1 006	17 705	40 355	47 946	89 533	1 499
332999	All other miscellaneous fabricated metal product manufacturing .....	2	42	16	1 169	40 792	975	2 139	31 667	99 495	77 276	181 112	4 382
333	Machinery manufacturing .....	—	359	139	21 904	803 248	14 767	29 344	450 710	7 337 091	4 708 852	12 073 321	310 141
3331	Agriculture, construction, and mining machinery manufacturing .....	—	22	9	2 709	71 893	2 077	4 171	35 338	246 205	581 194	801 152	D
33311	Agricultural implement manufacturing .....	—	12	6	2 536	64 961	1 970	3 941	31 796	232 257	564 955	771 270	D
333111	Farm machinery and equipment manufacturing ..	4	9	3	c	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	—	3	3	g	D	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	2	8	2	c	D	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	2	8	2	c	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	2	81	25	2 378	90 830	1 461	2 865	44 836	179 716	121 006	302 089	D
33322	Plastics and rubber industry machinery manufacturing ....	3	6	3	c	D	D	D	D	D	D	D	D
333220	Plastics and rubber industry machinery manufacturing ..	3	6	3	c	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	2	75	22	g	D	D	D	D	D	D	D	5 995
333292	Textile machinery manufacturing .....	1	46	16	1 606	59 598	1 014	2 000	31 290	104 894	63 013	168 702	4 280
333298	All other industrial machinery manufacturing .....	2	16	4	514	20 705	305	625	8 858	43 408	34 033	76 287	1 218
3333	Commercial and service industry machinery manufacturing .....	—	17	8	1 439	46 320	1 104	2 330	27 144	119 662	148 172	267 910	D
33331	Commercial and service industry machinery .....	—	17	8	1 439	46 320	1 104	2 330	27 144	119 662	148 172	267 910	D
333311	Automatic vending machine manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
333319	Other commercial and service industry machinery manufacturing .....	1	13	6	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	3	28	12	2 338	69 403	1 817	3 546	43 968	241 289	244 295	478 889	22 483

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>SOUTH CAROLINA—Con.</b>													
333	Machinery manufacturing—Con.												
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing—Con.												
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	3	28	12	2 338	69 403	1 817	3 546	43 968	241 289	244 295	478 889	22 483
333411	Air purification equipment manufacturing .....	—	8	2	193	3 982	169	330	3 171	9 030	8 924	18 387	D
333414	Heating equipment (except warm air furnaces) manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	5	14	7	1 364	40 575	1 121	2 080	29 159	151 512	197 286	339 886	D
3335	Metalworking machinery manufacturing .....	1	102	32	2 855	115 972	2 067	4 046	74 731	215 045	131 631	349 184	21 506
33351	Metalworking machinery manufacturing .....	1	102	32	2 855	115 972	2 067	4 046	74 731	215 045	131 631	349 184	21 506
333511	Industrial mold manufacturing .....	—	17	6	606	29 188	423	771	17 121	48 042	21 580	71 703	7 626
333512	Machine tool (metal cutting types) manufacturing .....	—	6	3	247	11 571	159	353	6 299	21 241	14 564	36 863	347
333514	Special die and tool, die set, jig, and fixture manufacturing .....	1	30	3	362	14 585	233	415	8 332	26 113	10 258	36 634	845
333515	Cutting tool and machine tool accessory manufacturing .....	1	45	18	1 514	54 125	1 153	2 302	37 767	105 714	73 599	180 885	12 454
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	27	22	5 262	234 837	3 517	7 113	138 650	5 986 670	2 911 640	8 957 170	198 646
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	27	22	5 262	234 837	3 517	7 113	138 650	5 986 670	2 911 640	8 957 170	198 646
333611	Turbine and turbine generator set units manufacturing .....	—	5	5	h	D	D	D	D	D	D	D	D
333612	Speed changer, industrial high-speed drive, and gear manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing .....	—	4	3	227	9 072	149	340	4 934	29 877	15 270	43 384	D
333618	Other engine equipment manufacturing .....	—	15	11	g	D	D	D	D	D	D	D	99 187
3339	Other general purpose machinery manufacturing .....	—	82	31	4 923	173 993	2 724	5 273	86 043	348 504	570 914	916 927	34 475
33391	Pump and compressor manufacturing .....	5	4	4	325	13 802	160	324	5 779	37 731	43 312	80 183	1 881
333911	Pump and pumping equipment manufacturing ..	7	3	3	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	—	19	7	790	27 883	467	845	12 566	69 383	123 297	194 009	1 286
333922	Conveyor and conveying equipment manufacturing ..	—	6	2	275	8 696	173	269	3 927	18 752	12 408	35 013	399
333924	Industrial truck, tractor, trailer, and stacker machinery manufacturing ..	—	7	3	411	16 669	214	483	7 326	46 449	105 210	149 007	703
33399	All other general purpose machinery manufacturing ....	—	59	20	3 808	132 308	2 097	4 104	67 698	241 390	404 305	642 735	31 308
333991	Power-driven handtool manufacturing .....	—	3	3	735	24 910	556	956	15 047	11 344	145 495	157 364	D
333992	Welding and soldering equipment manufacturing ..	—	5	3	580	25 240	324	639	11 638	49 888	40 853	93 236	1 373
333993	Packaging machinery manufacturing .....	—	7	4	1 221	35 105	327	690	13 459	74 851	49 274	115 007	1 319
333994	Industrial process furnace and oven manufacturing ...	1	6	1	147	5 015	106	250	3 272	5 242	6 728	12 131	D
333995	Fluid power cylinder and actuator manufacturing ....	—	4	3	197	7 515	143	271	4 552	23 681	20 815	45 155	D
333996	Fluid power pump and motor manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
333997	Scale and balance (except laboratory) manufacturing ..	—	2	1	c	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing .....	4	27	3	231	7 466	156	232	3 481	13 775	9 977	23 694	288
334	Computer and electronic product manufacturing .....	—	89	35	9 746	393 371	6 330	13 232	203 429	1 521 623	1 293 206	2 791 174	130 381
3341	Computer and peripheral equipment manufacturing .....	—	6	1	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	—	6	1	e	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing .....	—	3	1	e	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	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
334	Computer and electronic product manufacturing—Con.												
3342	Communications equipment manufacturing .....	-	14	3	e	D	D	D	D	D	D	D	720
33429	Other communications equipment manufacturing ....	-	5	2	e	D	D	D	D	D	D	D	253
334290	Other communications equipment manufacturing ..	-	5	2	e	D	D	D	D	D	D	D	253
3343	Audio and video equipment manufacturing .....	-	5	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing .....	-	5	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing .....	-	5	1	f	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	30	16	5 611	232 432	3 697	7 631	123 018	462 798	527 334	987 209	98 686
33441	Semiconductor and other electronic component manufacturing .....	-	30	16	5 611	232 432	3 697	7 631	123 018	462 798	527 334	987 209	98 686
334411	Electron tube manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
334414	Electronic capacitor manufacturing .....	-	8	6	3 324	137 165	1 841	3 978	55 151	216 904	260 739	473 380	D
334417	Electronic connector manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	-	4	3	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	28	11	1 780	72 341	1 159	2 497	39 933	292 329	247 266	518 493	10 840
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	-	28	11	1 780	72 341	1 159	2 497	39 933	292 329	247 266	518 493	10 840
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	-	6	3	f	D	D	D	D	D	D	D	6 892
334513	Instruments and related products manufacturing for measuring, displaying, and controlling industrial process variables .....	2	6	3	132	5 828	59	121	1 717	16 454	7 835	24 323	430
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	-	4	1	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	4	6	3	697	23 139	524	1 135	14 360	62 199	35 606	97 813	2 504
33461	Manufacturing and reproducing magnetic and optical media...	4	6	3	697	23 139	524	1 135	14 360	62 199	35 606	97 813	2 504
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	5	3	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	91	51	12 389	457 775	9 256	18 164	282 916	1 139 528	1 624 044	2 797 078	84 058
3351	Electric lighting equipment manufacturing .....	-	11	5	882	33 121	516	996	11 054	71 753	77 885	147 271	639
33512	Lighting fixture manufacturing ..	-	10	4	f	D	D	D	D	D	D	D	639
335121	Residential electric lighting fixture manufacturing .....	-	4	1	e	D	D	D	D	D	D	D	D
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing .....	-	2	1	c	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	263
3352	Household appliance manufacturing .....	-	11	5	3 004	86 291	2 665	5 021	69 799	204 734	450 445	656 398	17 114
33522	Major appliance manufacturing ..	-	9	5	h	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing .....	-	6	2	422	11 324	349	608	7 424	16 115	72 527	92 375	D
335222	Household refrigerator and home freezer manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	38	19	4 089	148 936	2 933	5 694	84 990	382 466	407 759	798 911	10 804
33531	Electrical equipment manufacturing .....	-	38	19	4 089	148 936	2 933	5 694	84 990	382 466	407 759	798 911	10 804
335311	Power, distribution, and specialty transformer manufacturing .....	-	2	1	c	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing .....	3	16	7	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	-	10	6	2 293	86 197	1 657	3 410	51 311	236 168	264 334	506 266	6 254

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing—Con.												
33531	Electrical equipment manufacturing—Con.												
335314	Relay and industrial control manufacturing .....	—	10	5	1 084	39 881	768	1 287	21 230	101 344	92 393	194 499	1 869
3359	Other electrical equipment and component manufacturing .....	—	31	22	4 414	189 427	3 142	6 453	117 073	480 575	687 955	1 194 498	55 501
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
33592	Communication and energy wire and cable manufacturing .	—	11	9	1 994	89 604	1 256	2 639	50 248	175 621	396 166	589 892	16 909
335921	Fiber optic cable manufacturing .....	—	3	3	890	43 774	340	798	14 517	24 297	168 492	218 487	3 914
335929	Other communication and energy wire manufacturing .	—	8	6	1 104	45 830	916	1 841	35 731	151 324	227 674	371 405	12 995
33593	Wiring device manufacturing ...	—	9	7	f	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	—	4	3	372	12 179	285	463	7 352	59 890	42 456	107 458	583
335932	Noncurrent-carrying wiring device manufacturing .....	—	5	4	e	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing .....	—	10	5	979	43 793	660	1 371	24 591	138 025	104 360	247 716	34 854
335991	Carbon and graphite product manufacturing .....	—	3	3	679	32 473	454	962	17 608	108 518	72 525	186 397	D
335999	All other miscellaneous electrical equipment and component manufacturing ..	—	7	2	300	11 320	206	409	6 983	29 507	31 835	61 319	D
336	Transportation equipment manufacturing .....	—	200	96	30 854	1 276 349	24 211	48 445	921 928	4 291 385	8 364 812	12 633 423	441 809
3361	Motor vehicle manufacturing .....	—	12	4	5 913	269 961	4 670	7 189	202 518	1 134 683	3 785 213	4 932 251	D
33611	Automobile and light duty motor vehicle manufacturing .....	—	8	1	h	D	D	D	D	D	D	D	D
336111	Automobile manufacturing ...	—	8	1	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	—	4	3	g	D	D	D	D	D	D	D	3 321
336120	Heavy duty truck manufacturing .....	—	4	3	g	D	D	D	D	D	D	D	3 321
3362	Motor vehicle body and trailer manufacturing .....	3	29	9	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	3	29	9	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing .....	2	10	5	303	8 964	221	455	5 554	23 943	34 224	60 758	D
336214	Travel trailer and camper manufacturing .....	5	13	2	c	D	D	D	D	D	D	D	247
3363	Motor vehicle parts manufacturing .....	—	90	60	17 445	742 388	13 541	28 812	524 012	2 274 040	3 355 960	5 595 403	202 078
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	13	8	h	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	12	7	2 524	121 982	1 880	4 035	81 036	425 977	494 925	924 347	36 387
33632	Motor vehicle electrical and electronic equipment manufacturing .....	1	14	8	g	D	D	D	D	D	D	D	9 393
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	1	12	7	1 883	57 702	1 518	3 053	37 338	166 589	211 145	376 905	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing .....	—	5	3	f	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing .....	—	5	3	f	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	—	8	7	4 396	217 824	3 452	6 768	166 821	734 144	895 445	1 600 477	66 295
336340	Motor vehicle brake system manufacturing .....	—	8	7	4 396	217 824	3 452	6 768	166 821	734 144	895 445	1 600 477	66 295
33635	Motor vehicle transmission and power train parts manufacturing .....	—	14	11	2 832	95 408	2 055	4 096	56 791	260 486	517 809	783 258	21 097
336350	Motor vehicle transmission and power train parts manufacturing .....	—	14	11	2 832	95 408	2 055	4 096	56 791	260 486	517 809	783 258	21 097
33636	Motor vehicle seating and interior trim manufacturing ...	—	6	3	f	D	D	D	D	D	D	D	2 797
336360	Motor vehicle seating and interior trim manufacturing ..	—	6	3	f	D	D	D	D	D	D	D	2 797
33637	Motor vehicle metal stamping ..	—	9	7	1 422	62 815	1 218	2 820	50 451	166 218	253 576	418 046	25 735
336370	Motor vehicle metal stamping .....	—	9	7	1 422	62 815	1 218	2 820	50 451	166 218	253 576	418 046	25 735



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SOUTH CAROLINA—Con.</b>													
336	Transportation equipment manufacturing—Con.												
3363	Motor vehicle parts manufacturing—Con.												
33639	Other motor vehicle parts manufacturing .....	—	21	13	2 580	96 213	2 036	4 150	65 640	247 191	460 855	704 063	26 108
336399	All other motor vehicle parts manufacturing .....	—	21	13	2 580	96 213	2 036	4 150	65 640	247 191	460 855	704 063	26 108
3364	Aerospace product and parts manufacturing .....	4	8	3	1 829	78 754	1 493	3 169	63 269	258 517	161 954	411 936	D
33641	Aerospace product and parts manufacturing .....	4	8	3	1 829	78 754	1 493	3 169	63 269	258 517	161 954	411 936	D
336411	Aircraft manufacturing .....	9	2	1	g	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing .....	1	9	5	1 047	41 252	591	1 233	20 993	132 994	134 289	272 771	13 422
33651	Railroad rolling stock manufacturing .....	1	9	5	1 047	41 252	591	1 233	20 993	132 994	134 289	272 771	13 422
336510	Railroad rolling stock manufacturing .....	1	9	5	1 047	41 252	591	1 233	20 993	132 994	134 289	272 771	13 422
3366	Ship and boat building .....	—	44	12	2 106	67 518	1 685	3 471	48 301	172 883	208 460	381 343	D
33661	Ship and boat building .....	—	44	12	2 106	67 518	1 685	3 471	48 301	172 883	208 460	381 343	D
336611	Ship building and repairing ..	—	12	3	674	24 094	558	1 170	18 805	52 226	38 584	90 810	D
336612	Boat building .....	—	32	9	1 432	43 424	1 127	2 301	29 496	120 657	169 876	290 533	5 431
3369	Other transportation equipment manufacturing .....	—	8	3	g	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing .....	—	8	3	g	D	D	D	D	D	D	D	D
336992	Military armored vehicle, tank, and tank component manufacturing .....	—	1	1	c	D	D	D	D	D	D	D	D
336999	All other transportation equipment manufacturing ..	—	6	2	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	262	34	4 876	133 327	3 917	7 782	89 498	270 393	335 215	595 320	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	1	213	19	3 348	83 010	2 774	5 582	61 475	186 115	253 499	428 644	6 447
33711	Wood kitchen cabinet and countertop manufacturing ....	4	150	6	831	21 495	674	1 244	15 070	36 216	26 216	65 060	2 110
337110	Wood kitchen cabinet and countertop manufacturing ..	4	150	6	831	21 495	674	1 244	15 070	36 216	26 216	65 060	2 110
33712	Household and institutional furniture manufacturing .....	1	63	13	2 517	61 515	2 100	4 338	46 405	149 899	227 283	363 584	4 337
337121	Upholstered household furniture manufacturing ....	—	8	1	c	D	D	D	D	D	D	D	177
337122	Nonupholstered wood household furniture manufacturing .....	—	40	7	1 516	31 883	1 375	2 886	25 150	79 203	50 278	114 862	2 143
337124	Metal household furniture manufacturing .....	9	3	2	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing .....	—	8	3	512	14 000	359	715	9 858	42 138	55 202	97 662	1 505
3372	Office furniture (including fixtures) manufacturing .....	3	41	12	1 243	42 021	926	1 775	23 510	71 716	62 788	135 212	D
33721	Office furniture (including fixtures) manufacturing .....	3	41	12	1 243	42 021	926	1 775	23 510	71 716	62 788	135 212	D
337212	Custom architectural woodwork and millwork manufacturing .....	—	25	6	565	19 685	407	697	10 252	35 230	11 428	46 203	656
337215	Showcase, partition, shelving, and locker manufacturing .....	5	11	5	607	19 712	480	1 009	12 283	28 416	46 900	76 277	1 528
3379	Other furniture related product manufacturing .....	1	8	3	285	8 296	217	425	4 513	12 562	18 928	31 464	869
33791	Mattress manufacturing .....	—	4	3	263	7 783	202	402	4 226	11 083	17 618	28 675	847
337910	Mattress manufacturing .....	—	4	3	263	7 783	202	402	4 226	11 083	17 618	28 675	847
339	Miscellaneous manufacturing .....	1	286	52	7 578	232 529	5 867	11 733	147 864	851 424	459 640	1 315 750	45 758
3391	Medical equipment and supplies manufacturing .....	1	91	17	3 155	105 252	2 539	5 256	68 014	544 580	205 949	750 893	24 447
33911	Medical equipment and supplies manufacturing .....	1	91	17	3 155	105 252	2 539	5 256	68 014	544 580	205 949	750 893	24 447
339112	Surgical and medical instrument manufacturing ..	—	5	3	g	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing ....	1	17	10	1 397	47 443	1 066	2 157	26 634	261 005	139 131	397 244	13 009
339116	Dental laboratories .....	4	59	1	310	10 454	236	466	6 705	17 624	3 041	20 615	509

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>SOUTH CAROLINA—Con.</b>													
339	Miscellaneous manufacturing—Con.												
3399	Other miscellaneous manufacturing .....	—	195	35	4 423	127 277	3 328	6 477	79 850	306 844	253 691	564 857	21 311
33992	Sporting and athletic goods manufacturing .....	—	20	3	825	23 651	660	1 290	14 271	51 681	46 114	99 210	D
339920	Sporting and athletic goods manufacturing .....	—	20	3	825	23 651	660	1 290	14 271	51 681	46 114	99 210	D
33994	Office supplies (except paper) manufacturing .....	1	7	3	239	5 991	121	241	3 734	30 096	33 702	60 527	D
339944	Carbon paper and inked ribbon manufacturing .....	4	3	2	c	D	D	D	D	D	D	D	D
33995	Sign manufacturing .....	—	96	10	1 116	34 229	810	1 567	20 814	77 788	49 081	129 690	4 530
339950	Sign manufacturing .....	—	96	10	1 116	34 229	810	1 567	20 814	77 788	49 081	129 690	4 530
33999	All other miscellaneous manufacturing .....	1	62	16	2 109	59 491	1 661	3 249	39 439	140 239	118 508	262 143	11 568
339991	Gasket, packing, and sealing device manufacturing .....	1	7	3	915	29 953	773	1 538	21 539	65 087	45 417	110 850	D
339994	Broom, brush, and mop manufacturing .....	—	6	2	238	5 083	193	341	2 743	11 499	16 769	28 857	115
339999	All other miscellaneous manufacturing .....	—	42	9	877	21 809	634	1 238	13 585	54 922	51 805	109 223	4 775

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

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

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

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

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

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	'2 995	'1 086	'149 242	'5 166 626	'111 333	'220 692	'3 270 905	'23 910 460	'19 223 402	'43 176 598	'1 042 620
311	Food manufacturing .....	1	122	46	j	D	D	D	D	D	D	D	D
3111	Animal food manufacturing .....	-	14	7	e	D	D	D	D	D	D	D	D
31111	Animal food manufacturing ....	-	14	7	e	D	D	D	D	D	D	D	D
311119	Other animal food manufacturing .....	-	12	7	e	D	D	D	D	D	D	D	D
3112	Grain and oilseed milling .....	-	7	5	e	D	D	D	D	D	D	D	D
3113	Sugar and confectionery product manufacturing .....	-	2	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	28	11	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	2	28	11	h	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	9	7	2	e	D	D	D	D	D	D	D	D
311613	Rendering and meat byproduct processing .....	-	3	3	e	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	9	6	h	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	43	13	i	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	37	10	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	14	9	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing .....	-	5	3	h	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing .....	-	2	2	h	D	D	D	D	D	D	D	D
3119	Other food manufacturing .....	3	21	7	g	D	D	D	D	D	D	D	D
31191	Snack food manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	-	12	6	h	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	1	10	5	703	29 994	423	838	15 542	306 739	320 713	629 075	D
31211	Soft drink and ice manufacturing .....	1	9	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing ....	1	6	5	688	29 468	413	826	15 301	305 318	320 119	627 060	D
3122	Tobacco manufacturing .....	-	2	1	h	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing .....	-	2	1	h	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing ....	-	1	1	h	D	D	D	D	D	D	D	D
313	Textile mills .....	2	'221	'138	j	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	-	71	54	i	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	-	71	54	i	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	-	56	46	i	D	D	D	D	D	D	D	D
313112	Yarn texturizing, throwing, and twisting mills .....	-	13	7	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	4	'96	'57	j	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	5	'39	'23	i	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	5	'39	'23	i	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery .....	4	15	7	f	D	D	D	D	D	D	D	D
313221	Narrow fabric mills .....	4	15	7	f	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	-	8	7	e	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	-	8	7	e	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	1	34	20	g	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	2	21	10	g	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	-	13	10	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	54	27	h	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	49	24	h	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	27	10	g	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	-	22	14	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
314	Textile product mills .....	—	87	25	h	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	39	13	h	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	—	3	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	—	3	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	36	12	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	15	10	g	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	—	48	12	g	D	D	D	D	D	D	D	D
31499	All other textile product mills ..	—	41	11	f	D	D	D	D	D	D	D	D
314992	Tire cord and tire fabric mills ..	—	2	2	e	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	2	37	7	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	1	80	36	h	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	3	26	13	g	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	4	17	8	g	D	D	D	D	D	D	D	D
315111	Sheer hosiery mills .....	3	10	4	f	D	D	D	D	D	D	D	D
315119	Other hosiery and sock mills ..	7	7	4	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	1	9	5	e	D	D	D	D	D	D	D	D
315191	Outerwear knitting mills .....	1	9	5	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	1	45	21	g	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors .....	4	21	6	e	D	D	D	D	D	D	D	D
31522	Men's and boys' cut and sew apparel manufacturing .....	6	12	9	f	D	D	D	D	D	D	D	D
315223	Men's and boys' cut and sew shirt (except work shirt) manufacturing .....	5	8	7	e	D	D	D	D	D	D	D	D
31523	Women's and girls' cut and sew apparel manufacturing .....	—	8	5	f	D	D	D	D	D	D	D	D
315231	Women's and girls' cut and sew lingerie, loungewear, and nightwear manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
315232	Women's and girls' cut and sew blouse and shirt manufacturing .....	1	4	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	2	123	54	i	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation ..	3	28	9	f	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation .....	3	28	9	f	D	D	D	D	D	D	D	D
321113	Sawmills .....	3	23	9	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	15	10	g	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	15	10	g	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
321214	Truss manufacturing .....	—	8	5	e	D	D	D	D	D	D	D	D
321219	Reconstituted wood product manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	1	80	35	h	D	D	D	D	D	D	D	D
32191	Millwork .....	1	34	12	f	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring) .....	2	21	7	e	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing .....	—	23	11	f	D	D	D	D	D	D	D	D
321920	Wood container and pallet manufacturing .....	—	23	11	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	2	23	12	g	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing .....	3	9	8	g	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	59	41	h	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	—	2	2	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
322	Paper manufacturing—Con.												
3222	Converted paper product manufacturing .....	1	57	39	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	1	39	30	h	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	1	24	19	g	D	D	D	D	D	D	D	D
322212	Folding paperboard box manufacturing .....	—	6	6	557	23 609	431	922	16 211	64 302	43 123	106 269	2 311
322213	Setup paperboard box manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
322214	Fiber can, tube, drum, and similar products manufacturing .....	1	7	4	e	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	421
323	Printing and related support activities .....	1	313	57	h	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	1	313	57	h	D	D	D	D	D	D	D	D
32311	Printing .....	1	286	53	h	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	1	107	23	g	D	D	D	D	D	D	D	D
323112	Commercial flexographic printing .....	3	14	4	e	D	D	D	D	D	D	D	D
323113	Commercial screen printing ..	3	45	6	e	D	D	D	D	D	D	D	D
323114	Quick printing .....	4	57	—	e	D	D	D	D	D	D	D	D
323116	Manifold business forms printing .....	—	13	10	f	D	D	D	D	D	D	D	D
323117	Books printing .....	—	6	2	267	6 753	253	521	6 109	22 535	4 488	26 675	D
323119	Other commercial printing ...	3	28	4	e	D	D	D	D	D	D	D	D
32312	Support activities for printing...	3	27	4	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	156	74	i	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	—	31	20	g	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing .....	—	11	8	598	31 846	353	726	16 901	201 214	209 193	426 429	7 517
325132	Synthetic organic dye and pigment manufacturing ...	—	11	8	598	31 846	353	726	16 901	201 214	209 193	426 429	7 517
32518	Other basic inorganic chemical manufacturing .....	—	5	2	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ...	—	5	2	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing .....	—	11	9	f	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing ....	—	10	8	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	1	18	15	h	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	2	12	9	g	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	2	10	8	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	6	6	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	—	6	6	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	7	8	3	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	7	8	3	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	7	3	3	g	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing .....	—	28	8	f	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing .....	—	16	4	e	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing .....	—	16	4	e	D	D	D	D	D	D	D	D
32552	Adhesive manufacturing .....	—	12	4	e	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing ....	—	12	4	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	2	29	9	f	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing .....	2	25	7	f	D	D	D	D	D	D	D	D
325613	Surface active agent manufacturing .....	4	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.**

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
325	Chemical manufacturing—Con.											
3259	Other chemical product and preparation manufacturing . . . . .	2	38	17	g	D	D	D	D	D	D	D
32591	Printing ink manufacturing . . . . .	—	14	8	f	D	D	D	D	D	D	D
325910	Printing ink manufacturing . . . . .	—	14	8	f	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing . . . . .	2	24	9	f	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins . . . . .	—	12	5	e	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing . . . . .	1	163	97	j	D	D	D	D	D	D	D
3261	Plastics product manufacturing . . . . .	1	118	74	i	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing . . . . .	1	19	12	g	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing . . . . .	—	3	3	e	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing . . . . .	1	13	7	f	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing . . . . .	—	8	6	g	D	D	D	D	D	D	D
326122	Plastics pipe and pipe fitting manufacturing . . . . .	—	4	4	f	D	D	D	D	D	D	D
32613	Laminated plastics plate, sheet, (except packaging), and shape manufacturing . . . . .	1	5	4	e	D	D	D	D	D	D	D
326130	Laminated plastics plate, sheet, (except packaging), and shape manufacturing . . . . .	1	5	4	e	D	D	D	D	D	D	D
32614	Polystyrene foam product manufacturing . . . . .	—	6	4	f	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing . . . . .	—	6	4	f	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	4	3	e	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	4	3	e	D	D	D	D	D	D	D
32619	Other plastics product manufacturing . . . . .	3	72	42	h	D	D	D	D	D	D	D
326199	All other plastics product manufacturing . . . . .	3	66	39	h	D	D	D	D	D	D	D
3262	Rubber product manufacturing . . . . .	1	45	23	h	D	D	D	D	D	D	D
32621	Tire manufacturing . . . . .	—	16	7	g	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) . . . . .	—	3	3	g	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing . . . . .	7	12	7	f	D	D	D	D	D	D	D
326220	Rubber and plastics hoses and belting manufacturing . . . . .	7	12	7	f	D	D	D	D	D	D	D
32629	Other rubber product manufacturing . . . . .	—	17	9	g	D	D	D	D	D	D	D
326291	Rubber product manufacturing for mechanical use . . . . .	—	11	6	g	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing . . . . .	—	129	57	i	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing . . . . .	—	14	11	g	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing . . . . .	—	6	3	e	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing . . . . .	—	4	1	e	D	D	D	D	D	D	D
32712	Clay building material and refractories manufacturing . . . . .	—	8	8	f	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing . . . . .	—	7	7	f	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing . . . . .	—	21	13	h	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing . . . . .	—	21	13	h	D	D	D	D	D	D	D
327211	Flat glass manufacturing . . . . .	—	2	2	f	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing . . . . .	—	3	3	g	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass . . . . .	—	16	8	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 <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
327	Nonmetallic mineral product manufacturing—Con.												
3273	Cement and concrete product manufacturing .....	1	66	23	g	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing .....	2	41	12	f	D	D	D	D	D	D	D	D
327320	Ready-mix concrete manufacturing .....	2	41	12	f	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing .....	—	17	7	f	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing .....	—	17	7	f	D	D	D	D	D	D	D	D
3279	Other nonmetallic mineral product manufacturing .....	1	27	9	f	D	D	D	D	D	D	D	D
32799	All other nonmetallic mineral product manufacturing .....	1	21	6	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	31	17	h	D	D	D	D	D	D	D	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 .....	—	4	3	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	—	4	3	f	D	D	D	D	D	D	D	D
331312	Primary aluminum production .....	—	1	1	e	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	—	7	4	g	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	—	6	4	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	—	5	3	g	D	D	D	D	D	D	D	D
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum) .....	—	1	1	e	D	D	D	D	D	D	D	D
3315	Foundries .....	—	10	4	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	—	4	4	f	D	D	D	D	D	D	D	D
331511	Iron foundries .....	—	4	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	544	125	j	D	D	D	D	D	D	D	D
3321	Forging and stamping .....	4	19	9	f	D	D	D	D	D	D	D	D
33211	Forging and stamping .....	4	19	9	f	D	D	D	D	D	D	D	D
332111	Iron and steel forging .....	2	4	3	e	D	D	D	D	D	D	D	D
332116	Metal stamping .....	5	11	6	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	1	116	42	h	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing .....	1	45	18	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	2	31	11	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	—	71	24	g	D	D	D	D	D	D	D	D
332321	Metal window and door manufacturing .....	—	9	3	e	D	D	D	D	D	D	D	D
332322	Sheet metal work manufacturing .....	—	43	15	g	D	D	D	D	D	D	D	D
332323	Ornamental and architectural metal work manufacturing ..	2	19	6	e	D	D	D	D	D	D	D	D
3324	Boiler, tank, and shipping container manufacturing .....	—	9	6	e	D	D	D	D	D	D	D	D
3325	Hardware manufacturing .....	—	8	5	f	D	D	D	D	D	D	D	D
33251	Hardware manufacturing .....	—	8	5	f	D	D	D	D	D	D	D	D
332510	Hardware manufacturing .....	—	8	5	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>											
332	Fabricated metal product manufacturing—Con.											
3326	Spring and wire product manufacturing .....	3	18	6	f	D	D	D	D	D	D	D
33261	Spring and wire product manufacturing .....	3	18	6	f	D	D	D	D	D	D	D
332618	Other fabricated wire product manufacturing .....	3	15	4	e	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	257	27	g	D	D	D	D	D	D	D
33271	Machine shops .....	2	239	19	g	D	D	D	D	D	D	D
332710	Machine shops .....	2	239	19	g	D	D	D	D	D	D	D
33272	Turned product and screw, nut, and bolt manufacturing .....	2	18	8	f	D	D	D	D	D	D	D
332721	Precision turned product manufacturing .....	5	15	6	e	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities .....	2	51	8	f	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	2	51	8	f	D	D	D	D	D	D	D
332813	Electroplating, plating, polishing, anodizing, and coloring .....	2	32	5	e	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	—	60	19	g	D	D	D	D	D	D	D
33291	Metal valve manufacturing .....	—	12	4	f	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing .....	—	6	4	f	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	—	48	15	g	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	—	3	3	f	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing .....	—	6	2	e	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing .....	1	33	8	f	D	D	D	D	D	D	D
333	Machinery manufacturing .....	1	287	112	j	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	1	14	7	f	D	D	D	D	D	D	D
33312	Construction machinery manufacturing .....	1	10	7	f	D	D	D	D	D	D	D
333120	Construction machinery manufacturing .....	1	10	7	f	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	1	105	41	h	D	D	D	D	D	D	D
33321	Sawmill and woodworking machinery manufacturing .....	—	5	3	e	D	D	D	D	D	D	D
333210	Sawmill and woodworking machinery manufacturing ..	—	5	3	e	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	1	94	36	g	D	D	D	D	D	D	D
333292	Textile machinery manufacturing .....	1	62	20	g	D	D	D	D	D	D	D
333293	Printing machinery and equipment manufacturing ..	—	7	5	e	D	D	D	D	D	D	D
333298	All other industrial machinery manufacturing .....	2	22	10	f	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing .....	—	19	6	f	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	—	19	6	f	D	D	D	D	D	D	D
333313	Office machinery manufacturing .....	—	2	1	e	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	2	20	13	g	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	2	20	13	g	D	D	D	D	D	D	D
333411	Air purification equipment manufacturing .....	2	10	7	e	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	2	7	5	g	D	D	D	D	D	D	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
333	Machinery manufacturing—Con.												
3335	Metalworking machinery manufacturing .....	—	47	12	g	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing .....	—	47	12	g	D	D	D	D	D	D	D	D
333511	Industrial mold manufacturing .....	—	10	4	e	D	D	D	D	D	D	D	D
333515	Cutting tool and machine tool accessory manufacturing...	—	15	3	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	17	8	g	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	17	8	g	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing .....	3	8	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	65	25	g	D	D	D	D	D	D	D	D
33391	Pump and compressor manufacturing .....	—	4	4	e	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	1	21	5	f	D	D	D	D	D	D	D	D
333922	Conveyor and conveying equipment manufacturing ..	2	11	4	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	—	40	16	g	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
333999	All other miscellaneous general purpose machinery manufacturing .....	1	23	8	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	64	22	i	D	D	D	D	D	D	D	D
3341	Computer and peripheral equipment manufacturing .....	—	8	3	g	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	—	8	3	g	D	D	D	D	D	D	D	D
334119	Other computer peripheral equipment manufacturing ..	—	5	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	24	10	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	24	10	h	D	D	D	D	D	D	D	D
334417	Electronic connector manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	—	4	3	g	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	1	21	5	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	1	21	5	e	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media.....	4	5	4	g	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media...	4	5	4	g	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	4	4	4	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	69	33	i	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing .....	—	12	4	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	—	11	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
335	Electrical equipment, appliance, and component manufacturing—Con.												
3353	Electrical equipment manufacturing .....	-	35	18	g	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	35	18	g	D	D	D	D	D	D	D	D
335312	Motor and generator manufacturing .....	-	9	4	g	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing .....	-	6	3	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	1	18	9	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	-	21	11	g	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
33592	Communication and energy wire and cable manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
33593	Wiring device manufacturing .....	-	10	7	g	D	D	D	D	D	D	D	D
335931	Current-carrying wiring device manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing .....	-	7	5	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	119	54	j	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	-	12	3	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	3	3	h	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	3	3	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	1	13	8	f	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	1	13	8	f	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing .....	1	10	7	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	73	40	i	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	7	17	7	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	7	17	7	e	D	D	D	D	D	D	D	D
33633	Motor vehicle steering and suspension component (except spring) manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
336330	Motor vehicle steering and suspension component (except spring) manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	-	9	8	g	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	-	9	8	g	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing .....	-	9	5	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing .....	-	9	5	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	-	26	15	h	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	-	25	15	h	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	-	6	2	e	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	-	6	2	e	D	D	D	D	D	D	D	D
336413	Other aircraft parts and auxiliary equipment manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	2	188	42	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing—Con.												
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	2	135	26	h	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing ....	—	81	7	f	D	D	D	D	D	D	D	D
337110	Wood kitchen cabinet and countertop manufacturing ..	—	81	7	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	4	54	19	g	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing ....	4	17	7	f	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	1	22	5	f	D	D	D	D	D	D	D	D
337124	Metal household furniture manufacturing .....	8	3	3	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing .....	5	7	4	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	—	47	14	g	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	—	47	14	g	D	D	D	D	D	D	D	D
337214	Office furniture (except wood) manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
337215	Showcase, partition, shelving, and locker manufacturing .....	—	21	9	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	2	218	46	h	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	4	81	15	g	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	4	81	15	g	D	D	D	D	D	D	D	D
339111	Laboratory apparatus and furniture manufacturing ....	9	1	1	f	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing ....	1	18	7	g	D	D	D	D	D	D	D	D
339114	Dental equipment and supplies manufacturing ....	9	5	1	e	D	D	D	D	D	D	D	D
339116	Dental laboratories .....	1	46	4	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	137	31	h	D	D	D	D	D	D	D	D
33995	Sign manufacturing .....	3	53	10	f	D	D	D	D	D	D	D	D
339950	Sign manufacturing .....	3	53	10	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	—	56	16	g	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing .....	—	40	9	g	D	D	D	D	D	D	D	D
<b>Albemarle, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	121	43	5 663	173 007	4 620	8 986	122 929	414 579	596 002	1 026 294	22 329
313	Textile mills .....	—	11	8	1 102	27 672	994	2 039	20 923	59 502	63 665	123 196	2 061
3131	Fiber, yarn, and thread mills ....	—	3	2	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	3	2	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	—	3	2	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	—	4	3	596	15 181	531	1 040	10 724	34 491	43 748	78 261	D
31331	Textile and fabric finishing mills .....	—	4	3	596	15 181	531	1 040	10 724	34 491	43 748	78 261	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	—	3	2	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	8	4	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	5	4	f	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	—	1	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	—	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	2	16	4	391	5 773	308	404	3 570	10 765	12 014	22 858	245

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Albemarle, NC Micropolitan Statistical Area—Con.</b>													
321	Wood product manufacturing . . . . .	—	17	9	1 349	39 696	1 063	2 110	27 541	88 413	128 995	217 017	7 325
3212	Veneer, plywood, and engineered wood product manufacturing . . . . .	—	3	3	264	8 313	209	398	5 356	24 558	36 610	60 308	D
32121	Veneer, plywood, and engineered wood product manufacturing . . . . .	—	3	3	264	8 313	209	398	5 356	24 558	36 610	60 308	D
3219	Other wood product manufacturing . . . . .	—	11	4	f	D	D	D	D	D	D	D	668
32199	All other wood product manufacturing . . . . .	—	6	3	834	22 721	653	1 272	15 146	38 434	47 547	86 201	342
321991	Manufactured home (mobile home) manufacturing . . . . .	—	4	3	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing . . . . .	—	5	3	541	21 067	447	836	16 291	55 036	48 987	105 794	1 838
3262	Rubber product manufacturing . . . . .	—	2	2	e	D	D	D	D	D	D	D	D
32621	Tire manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
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
331312	Primary aluminum production . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing . . . . .	—	13	3	301	10 199	209	428	4 852	21 203	11 261	32 783	567
<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area</b>													
31-33	Manufacturing . . . . .	—	'2 004	'671	'91 774	'3 318 066	'65 028	'128 922	'1 993 593	'17 935 348	'10 745 612	'28 727 946	'632 927
311	Food manufacturing . . . . .	1	79	29	10 939	353 957	5 801	10 550	151 491	1 054 666	992 899	2 024 663	56 953
3116	Animal slaughtering and processing . . . . .	2	16	7	2 967	67 407	2 513	4 636	52 464	166 672	273 908	437 291	5 315
31161	Animal slaughtering and processing . . . . .	2	16	7	2 967	67 407	2 513	4 636	52 464	166 672	273 908	437 291	5 315
311612	Meat processed from carcasses . . . . .	9	3	1	e	D	D	D	D	D	D	D	D
311615	Poultry processing . . . . .	—	6	4	2 451	51 366	2 183	4 325	43 780	104 039	214 320	317 045	3 844
3118	Bakeries and tortilla manufacturing . . . . .	—	35	11	6 303	225 458	2 055	3 711	64 652	464 380	212 042	673 288	32 864
31181	Bread and bakery product manufacturing . . . . .	—	30	8	g	D	D	D	D	D	D	D	D
311812	Commercial bakeries . . . . .	—	10	7	g	D	D	D	D	D	D	D	D
31182	Cookie, cracker, and pasta manufacturing . . . . .	—	4	3	h	D	D	D	D	D	D	D	D
311821	Cookie and cracker manufacturing . . . . .	—	2	2	h	D	D	D	D	D	D	D	D
3119	Other food manufacturing . . . . .	3	14	6	1 320	46 435	968	1 664	24 708	359 737	208 692	557 288	12 055
31191	Snack food manufacturing . . . . .	—	2	2	f	D	D	D	D	D	D	D	D
311919	Other snack food manufacturing . . . . .	—	2	2	f	D	D	D	D	D	D	D	D
31192	Coffee and tea manufacturing . . . . .	9	1	1	e	D	D	D	D	D	D	D	D
311920	Coffee and tea manufacturing . . . . .	9	1	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing . . . . .	—	11	6	h	D	D	D	D	D	D	D	29 430
3121	Beverage manufacturing . . . . .	1	10	5	703	29 994	423	838	15 542	306 739	320 713	629 075	D
31211	Soft drink and ice manufacturing . . . . .	1	9	5	f	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing . . . . .	1	6	5	688	29 468	413	826	15 301	305 318	320 119	627 060	D
3122	Tobacco manufacturing . . . . .	—	1	1	h	D	D	D	D	D	D	D	D
31222	Tobacco product manufacturing . . . . .	—	1	1	h	D	D	D	D	D	D	D	D
312221	Cigarette manufacturing . . . . .	—	1	1	h	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area—Con.</b>													
313	Textile mills .....	2	123	73	11 811	320 042	10 271	21 548	250 794	619 737	963 517	1 597 666	47 354
3131	Fiber, yarn, and thread mills .....	—	45	35	4 874	124 666	4 345	9 271	101 904	269 389	437 487	712 072	17 795
31311	Fiber, yarn, and thread mills .....	—	45	35	4 874	124 666	4 345	9 271	101 904	269 389	437 487	712 072	17 795
313111	Yarn spinning mills .....	—	33	28	4 203	110 291	3 756	8 196	91 306	256 110	385 446	639 169	16 305
313112	Yarn texturizing, throwing, and twisting mills .....	—	10	6	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	5	47	26	5 179	148 088	4 419	9 035	116 563	249 222	298 641	557 540	23 968
31321	Broadwoven fabric mills .....	6	17	8	3 822	110 392	3 294	6 760	90 969	173 483	219 516	401 350	9 476
313210	Broadwoven fabric mills .....	6	17	8	3 822	110 392	3 294	6 760	90 969	173 483	219 516	401 350	9 476
31322	Narrow fabric mills and schiffli machine embroidery .....	4	9	4	297	6 872	260	485	5 458	15 005	10 276	25 101	D
313221	Narrow fabric mills .....	4	9	4	297	6 872	260	485	5 458	15 005	10 276	25 101	D
31323	Nonwoven fabric mills .....	—	5	4	273	10 429	215	422	6 359	24 002	32 251	55 903	D
313230	Nonwoven fabric mills .....	—	5	4	273	10 429	215	422	6 359	24 002	32 251	55 903	D
31324	Knit fabric mills .....	3	16	10	787	20 395	650	1 368	13 777	36 732	36 598	75 186	2 349
313241	Weft knit fabric mills .....	6	9	6	355	9 537	283	552	6 675	15 109	21 219	36 522	D
313249	Other knit fabric and lace mills .....	1	7	4	432	10 858	367	816	7 102	21 623	15 379	38 664	D
3133	Textile and fabric finishing and fabric coating mills .....	—	31	12	1 758	47 288	1 507	3 242	32 327	101 126	227 389	328 054	5 591
31331	Textile and fabric finishing mills .....	—	29	11	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	—	17	5	f	D	D	D	D	D	D	D	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	—	12	6	1 119	30 443	969	2 103	19 871	65 567	179 879	244 196	4 070
314	Textile product mills .....	—	50	8	f	D	D	D	D	D	D	D	2 410
3141	Textile furnishings mills .....	—	22	3	f	D	D	D	D	D	D	D	810
31412	Curtain and linen mills .....	—	22	3	f	D	D	D	D	D	D	D	810
314129	Other household textile product mills .....	—	5	2	e	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	—	28	5	e	D	D	D	D	D	D	D	1 600
31499	All other textile product mills .....	—	21	4	e	D	D	D	D	D	D	D	1 538
315	Apparel manufacturing .....	4	40	18	2 171	43 669	1 825	3 497	31 731	122 075	113 625	239 721	1 665
3151	Apparel knitting mills .....	2	12	7	1 179	24 962	995	2 093	19 545	76 645	68 957	146 017	1 058
31511	Hosiery and sock mills .....	4	7	3	849	18 041	705	1 534	13 947	39 227	48 783	88 180	863
315111	Sheer hosiery mills .....	4	6	2	f	D	D	D	D	D	D	D	D
31519	Other apparel knitting mills .....	—	5	4	330	6 921	290	559	5 598	37 418	20 174	57 837	195
315191	Outerwear knitting mills .....	—	5	4	330	6 921	290	559	5 598	37 418	20 174	57 837	195
3152	Cut and sew apparel manufacturing .....	7	23	10	f	D	D	D	D	D	D	D	564
31522	Men's and boys' cut and sew apparel manufacturing .....	7	7	5	454	7 329	392	617	4 604	22 324	27 251	53 885	379
321	Wood product manufacturing .....	2	50	22	g	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation .....	7	11	3	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation .....	7	11	3	e	D	D	D	D	D	D	D	D
321113	Sawmills .....	7	8	3	e	D	D	D	D	D	D	D	2 419
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	7	4	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	7	4	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	1	32	15	f	D	D	D	D	D	D	D	2 161
32191	Millwork .....	1	16	7	467	15 021	345	675	9 618	30 699	45 620	76 254	1 035
321911	Wood window and door manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
32192	Wood container and pallet manufacturing .....	—	13	7	394	8 312	325	648	6 134	16 902	14 160	31 050	1 084
321920	Wood container and pallet manufacturing .....	—	13	7	394	8 312	325	648	6 134	16 902	14 160	31 050	1 084

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area—Con.</b>												
322	Paper manufacturing .....	—	46	29	4 073	189 099	2 994	6 294	120 332	507 066	443 804	946 516	34 031
3221	Pulp, paper, and paperboard mills .....	—	2	2	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	1	44	27	h	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	1	27	19	2 304	77 503	1 819	3 729	51 737	188 689	203 671	391 087	6 310
322211	Corrugated and solid fiber box manufacturing .....	2	12	8	617	23 624	469	977	15 569	57 284	110 643	168 005	2 475
322212	Folding paperboard box manufacturing .....	—	6	6	557	23 609	431	922	16 211	64 302	43 123	106 269	2 311
322213	Setup paperboard box manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
322214	Fiber can, tube, drum, and similar products manufacturing .....	1	7	4	e	D	D	D	D	D	D	D	D
32223	Stationery product manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	421
323	Printing and related support activities .....	1	250	48	4 157	148 355	2 990	5 771	92 734	392 616	324 937	711 785	25 585
3231	Printing and related support activities .....	1	250	48	4 157	148 355	2 990	5 771	92 734	392 616	324 937	711 785	25 585
32311	Printing .....	1	227	45	3 939	139 445	2 842	5 501	87 742	374 556	320 563	689 048	22 607
323110	Commercial lithographic printing .....	1	82	18	1 718	65 418	1 312	2 547	43 414	156 015	127 149	282 469	10 475
323113	Commercial screen printing ..	3	35	5	341	8 778	218	324	4 598	14 761	11 280	25 993	1 122
323116	Manifold business forms printing .....	—	10	9	576	19 782	379	825	12 267	95 942	112 599	204 850	2 026
323117	Books printing .....	—	6	2	267	6 753	253	521	6 109	22 535	4 488	26 675	D
325	Chemical manufacturing .....	2	123	55	5 904	269 050	3 583	7 026	134 545	1 135 698	1 353 160	2 508 593	93 640
3251	Basic chemical manufacturing ...	—	26	18	1 825	98 353	1 025	1 813	46 819	416 415	502 602	939 480	32 839
32513	Synthetic dye and pigment manufacturing .....	—	11	8	598	31 846	353	726	16 901	201 214	209 193	426 429	7 517
325132	Synthetic organic dye and pigment manufacturing ...	—	11	8	598	31 846	353	726	16 901	201 214	209 193	426 429	7 517
32518	Other basic inorganic chemical manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ...	—	3	1	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing .....	—	9	8	846	46 130	432	587	19 589	151 667	237 865	393 078	22 011
325199	All other basic organic chemical manufacturing ...	—	8	7	f	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	3	12	9	1 246	56 843	892	1 781	32 760	255 419	232 409	481 916	D
32521	Resin and synthetic rubber manufacturing .....	3	9	6	955	47 487	646	1 306	25 628	230 181	205 724	430 810	D
325211	Plastics material and resin manufacturing .....	3	7	5	f	D	D	D	D	D	D	D	20 552
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	3	3	291	9 356	246	475	7 132	25 238	26 685	51 106	D
325222	Noncellulosic organic fiber manufacturing .....	—	3	3	291	9 356	246	475	7 132	25 238	26 685	51 106	D
3254	Pharmaceutical and medicine manufacturing .....	8	6	2	f	D	D	D	D	D	D	D	1 820
32541	Pharmaceutical and medicine manufacturing .....	8	6	2	f	D	D	D	D	D	D	D	1 820
325412	Pharmaceutical preparation manufacturing .....	8	2	2	f	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing .....	1	21	5	e	D	D	D	D	D	D	D	3 121
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	1	22	6	540	26 972	347	748	15 223	96 814	109 688	204 136	26 844
32561	Soap and cleaning compound manufacturing .....	1	20	5	f	D	D	D	D	D	D	D	D
325613	Surface active agent manufacturing .....	3	8	2	252	14 380	163	371	8 760	37 530	58 304	94 106	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area—Con.</b>													
325 3259	Chemical manufacturing—Con. Other chemical product and preparation manufacturing . . . . .	2	34	15	903	41 432	521	1 097	18 908	149 805	205 153	353 445	7 001
32591 32599	Printing ink manufacturing . . . . .	—	13	7	437	19 316	292	620	11 220	50 289	86 293	136 264	1 804
	Printing ink manufacturing . . . . .	—	13	7	437	19 316	292	620	11 220	50 289	86 293	136 264	1 804
	All other chemical product and preparation manufacturing . . . . .	3	21	8	466	22 116	229	477	7 688	99 516	118 860	217 181	5 197
326	Plastics and rubber products manufacturing . . . . .	1	103	56	7 716	266 438	5 882	11 621	171 302	742 992	743 620	1 439 939	77 150
3261	Plastics product manufacturing . . . . .	1	79	48	5 183	162 382	3 931	7 749	100 857	440 968	548 496	961 186	53 793
32611	Plastics packaging materials and unlaminated film and sheet manufacturing . . . . .	1	16	10	967	35 380	684	1 699	22 016	96 194	132 527	228 156	8 721
326113	Unlaminated plastics film and sheet (except packaging) manufacturing . . . . .	1	11	6	583	23 642	428	1 110	14 429	65 027	95 451	159 767	D
32612	Plastics pipe, pipe fitting, and unlaminated profile shape manufacturing . . . . .	—	6	5	917	32 930	682	1 485	21 874	83 904	170 239	234 018	D
326122	Plastics pipe and pipe fitting manufacturing . . . . .	—	4	4	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing . . . . .	2	49	27	2 656	72 864	2 087	3 585	43 328	196 527	166 245	358 267	15 444
326199	All other plastics product manufacturing . . . . .	2	45	25	2 603	71 996	2 052	3 518	42 771	191 972	164 228	351 729	D
3262	Rubber product manufacturing . . . . .	2	24	8	2 533	104 056	1 951	3 872	70 445	302 024	195 124	478 753	23 357
32621	Tire manufacturing . . . . .	—	8	3	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) . . . . .	—	2	2	g	D	D	D	D	D	D	D	D
32622	Rubber and plastics hoses and belting manufacturing . . . . .	9	7	2	584	25 346	397	791	12 902	57 761	59 514	108 626	D
326220	Rubber and plastics hoses and belting manufacturing . . . . .	9	7	2	584	25 346	397	791	12 902	57 761	59 514	108 626	D
32629	Other rubber product manufacturing . . . . .	—	9	3	e	D	D	D	D	D	D	D	1 164
326291	Rubber product manufacturing for mechanical use . . . . .	—	6	2	276	8 283	183	404	5 102	19 164	8 673	27 218	D
327	Nonmetallic mineral product manufacturing . . . . .	—	66	28	2 937	100 648	2 254	4 788	61 763	295 748	209 569	517 681	20 540
3272	Glass and glass product manufacturing . . . . .	—	9	4	1 329	43 817	991	2 032	21 387	153 432	77 464	244 194	D
32721	Glass and glass product manufacturing . . . . .	—	9	4	1 329	43 817	991	2 032	21 387	153 432	77 464	244 194	D
327212	Other pressed and blown glass and glassware manufacturing . . . . .	—	1	1	f	D	D	D	D	D	D	D	D
327215	Glass product manufacturing made of purchased glass . . . . .	—	8	3	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing . . . . .	—	37	17	1 050	40 771	827	1 844	29 827	90 750	100 327	190 625	4 692
32732	Ready-mix concrete manufacturing . . . . .	—	22	8	591	23 927	459	993	17 426	51 219	74 813	125 906	3 169
327320	Ready-mix concrete manufacturing . . . . .	—	22	8	591	23 927	459	993	17 426	51 219	74 813	125 906	3 169
32739	Other concrete product manufacturing . . . . .	—	11	6	e	D	D	D	D	D	D	D	931
327390	Other concrete product manufacturing . . . . .	—	11	6	e	D	D	D	D	D	D	D	931
3279	Other nonmetallic mineral product manufacturing . . . . .	1	16	5	e	D	D	D	D	D	D	D	1 681
331	Primary metal manufacturing . . . . .	—	17	9	2 058	98 990	1 563	3 053	68 086	252 159	294 675	566 028	11 110
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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area—Con.</b>												
331	Primary metal manufacturing—Con.												
3314	Nonferrous metal (except aluminum) production and processing .....	—	2	1	g	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	—	2	1	g	D	D	D	D	D	D	D	D
331491	Nonferrous metal (except copper and aluminum) rolling, drawing, and extruding .....	—	2	1	g	D	D	D	D	D	D	D	D
3315	Foundries .....	—	7	4	f	D	D	D	D	D	D	D	D
33151	Ferrous metal foundries .....	—	4	4	f	D	D	D	D	D	D	D	D
331511	Iron foundries .....	—	4	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	392	93	7 899	274 733	5 807	11 274	178 552	626 834	457 114	1 084 868	55 527
3321	Forging and stamping .....	4	14	7	679	26 107	547	1 131	19 030	45 910	41 370	86 028	12 873
33211	Forging and stamping .....	4	14	7	679	26 107	547	1 131	19 030	45 910	41 370	86 028	12 873
332111	Iron and steel forging .....	3	3	2	e	D	D	D	D	D	D	D	D
332116	Metal stamping .....	5	8	5	306	10 733	237	502	7 239	20 621	16 401	36 742	D
3323	Architectural and structural metals manufacturing .....	1	79	30	2 124	78 756	1 424	2 912	43 873	183 598	202 408	386 443	13 551
33231	Plate work and fabricated structural product manufacturing .....	1	26	11	751	29 335	506	1 045	16 454	68 999	103 367	172 353	9 609
332312	Fabricated structural metal manufacturing .....	1	19	7	f	D	D	D	D	D	D	D	9 280
33232	Ornamental and architectural metal products manufacturing .....	1	53	19	1 373	49 421	918	1 867	27 419	114 599	99 041	214 090	3 942
332322	Sheet metal work manufacturing .....	1	33	12	945	34 666	613	1 226	18 620	75 286	59 188	134 567	3 248
3324	Boiler, tank, and shipping container manufacturing .....	—	8	5	325	11 773	257	426	8 654	30 867	32 512	63 501	731
3325	Hardware manufacturing .....	—	5	3	460	14 990	334	626	9 131	57 020	32 870	87 353	D
33251	Hardware manufacturing .....	—	5	3	460	14 990	334	626	9 131	57 020	32 870	87 353	D
332510	Hardware manufacturing .....	—	5	3	460	14 990	334	626	9 131	57 020	32 870	87 353	D
3326	Spring and wire product manufacturing .....	5	14	4	384	13 555	309	605	9 118	22 125	18 890	41 233	692
33261	Spring and wire product manufacturing .....	5	14	4	384	13 555	309	605	9 118	22 125	18 890	41 233	692
332618	Other fabricated wire product manufacturing .....	7	11	2	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	3	187	18	1 665	53 639	1 303	2 450	36 889	107 905	45 860	154 303	13 051
33271	Machine shops .....	3	175	13	1 409	44 695	1 117	2 065	30 852	87 239	35 866	123 644	12 187
332710	Machine shops .....	3	175	13	1 409	44 695	1 117	2 065	30 852	87 239	35 866	123 644	12 187
33272	Turned product and screw, nut, and bolt manufacturing .....	6	12	5	256	8 944	186	385	6 037	20 666	9 994	30 659	864
3328	Coating, engraving, heat treating, and allied activities .....	1	37	8	538	19 600	414	848	13 717	43 662	11 280	54 716	3 372
33281	Coating, engraving, heat treating, and allied activities ..	1	37	8	538	19 600	414	848	13 717	43 662	11 280	54 716	3 372
332813	Electroplating, plating, polishing, anodizing, and coloring .....	2	24	5	338	11 931	261	549	8 457	22 520	6 917	29 433	D
3329	Other fabricated metal product manufacturing .....	—	42	15	1 583	51 860	1 118	2 118	35 655	124 252	68 080	195 441	9 156
33291	Metal valve manufacturing ....	—	11	4	560	16 242	325	602	9 965	42 249	27 968	73 651	966
332919	Other metal valve and pipe fitting manufacturing .....	—	5	4	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	1	31	11	1 023	35 618	793	1 516	25 690	82 003	40 112	121 790	8 190
332991	Ball and roller bearing manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
332999	All other miscellaneous fabricated metal product manufacturing .....	2	20	7	456	14 994	332	658	10 436	27 205	19 399	46 671	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area—Con.</b>												
333	Machinery manufacturing .....	1	203	76	6 824	305 797	4 338	8 565	155 892	724 426	866 802	1 608 441	55 755
3332	Industrial machinery manufacturing .....	1	81	29	1 880	74 709	1 116	2 316	33 507	180 549	115 426	301 771	33 519
33329	Other industrial machinery manufacturing .....	1	76	29	1 850	73 353	1 098	2 275	32 900	177 873	113 518	297 242	33 451
333292	Textile machinery manufacturing .....	1	52	17	1 151	42 187	681	1 420	19 169	82 145	66 824	154 681	D
333293	Printing machinery and equipment manufacturing ..	—	6	4	301	14 869	147	310	5 117	55 512	16 704	71 780	845
333298	All other industrial machinery manufacturing .....	3	16	8	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	5	12	7	604	22 214	465	720	11 120	52 861	118 203	174 177	3 190
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	5	12	7	604	22 214	465	720	11 120	52 861	118 203	174 177	3 190
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	6	4	3	356	15 041	271	338	7 001	36 444	100 571	139 811	2 806
3335	Metalworking machinery manufacturing .....	—	30	10	1 046	47 562	834	1 789	33 883	139 491	160 335	295 707	2 502
33351	Metalworking machinery manufacturing .....	—	30	10	1 046	47 562	834	1 789	33 883	139 491	160 335	295 707	2 502
333515	Cutting tool and machine tool accessory manufacturing...	—	10	3	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	15	8	1 374	73 269	942	1 818	45 988	208 172	190 095	408 394	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	15	8	1 374	73 269	942	1 818	45 988	208 172	190 095	408 394	D
333611	Turbine and turbine generator set units manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
333613	Mechanical power transmission equipment manufacturing .....	3	7	2	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	43	14	1 524	73 592	752	1 541	24 945	108 623	255 120	366 918	5 658
33391	Pump and compressor manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
333912	Air and gas compressor manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	1	15	2	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	—	26	10	861	39 515	409	850	13 053	58 559	112 840	171 435	3 397
333999	All other miscellaneous general purpose machinery manufacturing .....	1	16	6	449	19 689	223	446	6 495	40 425	35 450	74 073	1 397
334	Computer and electronic product manufacturing .....	—	52	16	5 720	205 806	3 207	6 208	87 332	503 392	759 073	1 291 264	26 291
3341	Computer and peripheral equipment manufacturing .....	—	6	3	1 473	45 603	572	488	8 487	112 152	105 946	217 377	3 191
33411	Computer and peripheral equipment manufacturing ....	—	6	3	1 473	45 603	572	488	8 487	112 152	105 946	217 377	3 191
334119	Other computer peripheral equipment manufacturing ..	—	4	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	20	7	3 128	116 951	1 936	4 190	59 546	283 766	584 952	898 082	D
33441	Semiconductor and other electronic component manufacturing .....	—	20	7	3 128	116 951	1 936	4 190	59 546	283 766	584 952	898 082	D
334417	Electronic connector manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area—Con.</b>												
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing . . . . .	1	17	3	e	D	D	D	D	D	D	D	1 294
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	1	17	3	e	D	D	D	D	D	D	D	1 294
3346	Manufacturing and reproducing magnetic and optical media . . . . .	6	4	3	f	D	D	D	D	D	D	D	3 213
33461	Manufacturing and reproducing magnetic and optical media . . .	6	4	3	f	D	D	D	D	D	D	D	3 213
334612	Prerecorded compact disc (except software), tape, and record reproducing . . . . .	6	3	3	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing . . . . .	—	48	17	1 961	65 117	1 449	2 830	38 109	194 984	170 061	366 916	5 499
3353	Electrical equipment manufacturing . . . . .	1	24	9	655	24 627	419	737	12 067	53 925	60 901	116 147	D
33531	Electrical equipment manufacturing . . . . .	1	24	9	655	24 627	419	737	12 067	53 925	60 901	116 147	D
3359	Other electrical equipment and component manufacturing . . . . .	—	17	7	1 168	36 071	939	1 890	24 043	131 802	86 964	219 116	4 392
33593	Wiring device manufacturing . . .	—	8	5	907	28 043	739	1 519	18 953	111 324	70 712	185 454	D
335931	Current-carrying wiring device manufacturing . . . . .	—	3	2	f	D	D	D	D	D	D	D	D
335932	Noncurrent-carrying wiring device manufacturing . . . . .	—	5	3	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing . . . . .	—	74	34	6 590	223 858	5 211	9 447	174 635	629 162	1 013 885	1 634 172	59 647
3361	Motor vehicle manufacturing . . . . .	—	7	1	g	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing . . . . .	—	1	1	g	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing . . . . .	—	1	1	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing . . . . .	—	47	27	i	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing . . . . .	—	6	6	707	24 095	568	1 259	15 939	91 053	103 269	193 127	3 895
336350	Motor vehicle transmission and power train parts manufacturing . . . . .	—	6	6	707	24 095	568	1 259	15 939	91 053	103 269	193 127	3 895
33639	Other motor vehicle parts manufacturing . . . . .	—	21	14	3 976	120 837	2 989	5 339	95 643	414 196	184 750	588 327	31 433
336399	All other motor vehicle parts manufacturing . . . . .	—	20	14	h	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing . . . . .	3	114	16	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing . . . . .	6	81	10	g	D	D	D	D	D	D	D	D
33711	Wood kitchen cabinet and countertop manufacturing . . . . .	2	49	4	414	9 528	334	716	7 623	25 523	13 163	39 184	885
337110	Wood kitchen cabinet and countertop manufacturing . . . . .	2	49	4	414	9 528	334	716	7 623	25 523	13 163	39 184	885
33712	Household and institutional furniture manufacturing . . . . .	8	32	6	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing . . . . .	8	11	2	327	8 777	272	536	7 502	26 491	28 774	55 114	D
337124	Metal household furniture manufacturing . . . . .	9	2	2	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing . . . . .	—	28	4	409	11 636	295	615	7 993	42 781	15 962	57 733	1 374
33721	Office furniture (including fixtures) manufacturing . . . . .	—	28	4	409	11 636	295	615	7 993	42 781	15 962	57 733	1 374

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area—Con.</b>													
339	Miscellaneous manufacturing .....	2	156	35	3 090	114 630	2 078	4 224	59 067	294 851	251 680	555 895	19 924
3391	Medical equipment and supplies manufacturing .....	3	59	12	1 582	66 916	1 045	2 266	34 748	177 982	152 847	339 476	16 755
33911	Medical equipment and supplies manufacturing .....	3	59	12	1 582	66 916	1 045	2 266	34 748	177 982	152 847	339 476	16 755
339113	Surgical appliance and supplies manufacturing ....	2	15	6	812	36 106	554	1 204	16 743	115 600	88 821	203 191	12 963
339114	Dental equipment and supplies manufacturing ....	9	4	1	e	D	D	D	D	D	D	D	D
339116	Dental laboratories .....	2	32	3	391	15 235	273	561	8 972	24 639	3 966	28 552	445
3399	Other miscellaneous manufacturing .....	1	97	23	1 508	47 714	1 033	1 958	24 319	116 869	98 833	216 419	3 169
33995	Sign manufacturing .....	3	44	9	458	16 772	320	616	8 941	27 538	16 955	44 524	454
339950	Sign manufacturing .....	3	44	9	458	16 772	320	616	8 941	27 538	16 955	44 524	454
33999	All other miscellaneous manufacturing .....	—	34	11	889	27 341	618	1 192	13 760	81 612	76 990	158 843	2 540
339999	All other miscellaneous manufacturing .....	—	25	5	491	13 693	320	623	6 175	37 855	39 357	77 577	1 429
<b>Chester, SC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	53	31	4 320	143 079	3 563	7 243	101 544	561 359	547 300	1 104 682	26 204
313	Textile mills .....	—	7	5	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	7	5	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	—	6	5	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	—	6	5	g	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	2	2	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	2	2	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	2	2	e	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	1	1	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	5	3	382	12 276	345	787	10 492	20 678	50 980	71 266	D
3212	Veneer, plywood, and engineered wood product manufacturing ....	—	2	1	e	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
321212	Softwood veneer and plywood manufacturing ....	—	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	5	3	252	13 801	115	258	4 964	61 050	46 638	102 807	3 676
327	Nonmetallic mineral product manufacturing .....	—	6	5	819	31 490	648	1 384	22 254	133 540	101 650	235 041	D
3272	Glass and glass product manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
327211	Flat glass manufacturing ....	—	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	10	4	389	11 645	312	599	7 772	28 311	27 537	55 461	892
3323	Architectural and structural metals manufacturing .....	1	5	3	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
33592	Communication and energy wire and cable manufacturing .	—	1	1	e	D	D	D	D	D	D	D	D
335929	Other communication and energy wire manufacturing .	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Lancaster, SC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	64	28	4 677	147 324	3 995	8 330	109 051	659 063	1 073 181	1 735 103	19 481
313	Textile mills .....	—	14	14	g	D	D	D	D	D	D	D	D
3131	Fiber, yarn, and thread mills .....	—	1	1	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	1	1	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	—	1	1	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	—	1	1	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	—	1	1	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	—	1	1	g	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	3	14	7	342	12 291	277	582	8 393	31 152	36 494	66 356	3 823
335	Electrical equipment, appliance, and component manufacturing .....	—	3	3	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
<b>Lincolnton, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	112	42	5 730	173 606	4 707	9 768	122 022	487 944	563 149	1 046 462	60 852
313	Textile mills .....	2	14	12	1 660	42 604	1 436	3 102	31 689	88 290	103 829	189 034	4 190
3131	Fiber, yarn, and thread mills .....	3	5	4	478	11 827	422	807	9 521	16 484	21 989	34 810	D
31311	Fiber, yarn, and thread mills ...	3	5	4	478	11 827	422	807	9 521	16 484	21 989	34 810	D
313111	Yarn spinning mills .....	2	4	4	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	1	5	4	729	17 699	633	1 447	12 723	33 933	41 748	77 290	2 296
31324	Knit fabric mills .....	—	2	2	f	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	—	2	2	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	3	4	4	453	13 078	381	848	9 445	37 873	40 092	76 934	D
31331	Textile and fabric finishing mills .....	3	4	4	453	13 078	381	848	9 445	37 873	40 092	76 934	D
313312	Textile and fabric finishing (except broadwoven fabric) mills .....	4	3	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	7	5	4	743	20 070	622	1 077	14 509	37 438	52 884	90 236	1 387
3219	Other wood product manufacturing .....	7	4	3	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
321991	Manufactured home (mobile home) manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	22	3	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
333	Machinery manufacturing .....	—	7	2	373	12 956	276	585	7 723	40 244	44 516	85 790	3 144

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Lincolnton, NC Micropolitan Statistical Area—Con.</b>												
337	Furniture and related product manufacturing .....	—	13	8	1 229	32 449	1 045	2 379	24 525	83 915	204 271	293 320	3 100
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	—	8	4	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	—	4	3	f	D	D	D	D	D	D	D	D
337121	Upholstered household furniture manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
337122	Nonupholstered wood household furniture manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	—	5	4	e	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	—	5	4	e	D	D	D	D	D	D	D	D
	<b>Salisbury, NC Micropolitan Statistical Area</b>												
31-33	Manufacturing .....	—	191	86	12 377	401 053	10 044	18 395	289 385	1 009 776	2 995 850	4 001 835	121 991
313	Textile mills .....	3	8	6	1 114	29 554	919	1 735	20 633	78 651	105 837	184 187	3 158
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 .....	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
315	Apparel manufacturing .....	6	5	4	467	7 565	359	509	4 830	15 384	7 719	24 055	237
3152	Cut and sew apparel manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	—	17	6	947	24 242	764	1 310	14 450	60 645	63 643	124 763	2 235
3219	Other wood product manufacturing .....	—	14	5	880	22 301	703	1 237	12 946	57 752	58 044	116 251	2 040
32199	All other wood product manufacturing .....	—	6	4	760	19 665	608	1 042	11 231	51 277	52 532	104 282	D
321991	Manufactured home (mobile home) manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	4	4	315	11 586	239	485	6 102	31 909	55 379	87 352	3 625
3222	Converted paper product manufacturing .....	—	4	4	315	11 586	239	485	6 102	31 909	55 379	87 352	3 625
32221	Paperboard container manufacturing .....	—	4	4	315	11 586	239	485	6 102	31 909	55 379	87 352	3 625
322211	Corrugated and solid fiber box manufacturing .....	—	4	4	315	11 586	239	485	6 102	31 909	55 379	87 352	3 625
325	Chemical manufacturing .....	1	12	6	1 460	55 437	1 079	2 492	35 135	202 122	161 410	361 507	15 434
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	16	12	1 265	41 613	974	1 935	27 373	103 505	70 963	174 614	6 622
3262	Rubber product manufacturing .....	1	11	9	1 171	39 043	897	1 783	25 554	92 294	63 902	156 471	D
32622	Rubber and plastics hoses and belting manufacturing .....	4	3	3	259	7 408	208	390	5 048	18 314	12 763	30 654	D
326220	Rubber and plastics hoses and belting manufacturing .....	4	3	3	259	7 408	208	390	5 048	18 314	12 763	30 654	D
32629	Other rubber product manufacturing .....	—	5	4	837	29 212	633	1 276	18 721	68 725	43 025	112 038	3 872
326291	Rubber product manufacturing for mechanical use .....	—	4	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, MISAs, and MDs, see Appendix E. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text.]

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Salisbury, NC Micropolitan Statistical Area—Con.</b>													
327	Nonmetallic mineral product manufacturing .....	-	15	10	752	24 509	615	1 333	17 619	76 366	58 928	133 111	3 788
3271	Clay product and refractory manufacturing .....	-	5	5	e	D	D	D	D	D	D	D	1 027
32712	Clay building material and refractories manufacturing ....	-	4	4	e	D	D	D	D	D	D	D	D
327121	Brick and structural clay tile manufacturing .....	-	3	3	280	7 596	228	548	6 003	33 748	4 527	37 982	D
331	Primary metal manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	-	1	1	e	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	1	1	e	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	30	7	466	15 023	327	627	9 537	28 032	34 861	61 442	5 397
333	Machinery manufacturing .....	1	13	6	511	17 583	310	563	8 423	32 545	36 556	68 624	909
335	Electrical equipment, appliance, and component manufacturing .....	-	3	3	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	10	4	h	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	-	2	2	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	2	2	h	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	2	2	h	D	D	D	D	D	D	D	D
3362	Motor vehicle body and trailer manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	14	4	401	11 331	332	695	8 711	31 568	26 311	57 965	1 843
<b>Shelby, NC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	175	72	11 822	380 582	9 594	18 934	259 534	1 084 034	1 084 457	2 164 465	71 497
313	Textile mills .....	5	30	16	3 014	78 874	2 682	5 036	61 492	149 971	317 271	466 350	10 832
3131	Fiber, yarn, and thread mills .....	3	8	4	426	12 334	384	616	10 246	20 960	36 027	57 179	1 591
31311	Fiber, yarn, and thread mills ...	3	8	4	426	12 334	384	616	10 246	20 960	36 027	57 179	1 591
313111	Yarn spinning mills .....	3	8	4	426	12 334	384	616	10 246	20 960	36 027	57 179	1 591
3132	Fabric mills .....	7	15	8	2 249	57 905	2 047	3 921	46 540	103 897	243 654	346 719	D
31321	Broadwoven fabric mills .....	8	8	5	1 790	46 427	1 639	3 063	38 274	88 797	205 532	294 519	6 103
313210	Broadwoven fabric mills .....	8	8	5	1 790	46 427	1 639	3 063	38 274	88 797	205 532	294 519	6 103
31324	Knit fabric mills .....	-	5	3	e	D	D	D	D	D	D	D	D
313241	Weft knit fabric mills .....	-	3	1	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	1	7	4	339	8 635	251	499	4 706	25 114	37 590	62 452	D
31331	Textile and fabric finishing mills .....	1	6	4	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	10	2	e	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	-	6	1	e	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	-	6	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
321	Wood product manufacturing .....	2	11	3	275	7 450	209	387	5 001	13 559	20 511	33 724	301
325	Chemical manufacturing .....	-	3	3	631	28 133	515	1 187	20 614	105 850	116 361	221 220	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	e	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Shelby, NC Micropolitan Statistical Area—Con.</b>												
327	Nonmetallic mineral product manufacturing .....	-	6	3	g	D	D	D	D	D	D	D	5 067
3272	Glass and glass product manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	20	9	1 232	40 127	954	1 961	24 226	150 568	98 733	249 360	7 985
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	-	6	3	504	16 595	366	842	7 913	65 501	21 073	86 318	D
33399	All other general purpose machinery manufacturing ....	-	3	2	e	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3346	Manufacturing and reproducing magnetic and optical media .....	-	1	1	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media ...	-	1	1	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	8	6	1 004	35 250	696	1 359	19 189	93 671	67 362	163 361	4 671
3353	Electrical equipment manufacturing .....	-	4	4	843	30 326	582	1 125	16 638	84 508	54 933	141 837	D
33531	Electrical equipment manufacturing .....	-	4	4	843	30 326	582	1 125	16 638	84 508	54 933	141 837	D
335312	Motor and generator manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	7	4	1 102	46 708	856	2 446	29 627	220 572	151 296	364 198	D
3362	Motor vehicle body and trailer manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
33621	Motor vehicle body and trailer manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
336211	Motor vehicle body manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
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.**

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Shelby, NC Micropolitan Statistical Area—Con.</b>												
337	Furniture and related product manufacturing .....	-	10	4	374	8 880	294	543	6 403	17 632	20 407	37 993	155
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	7	2	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	-	13	3	547	16 448	444	884	10 603	48 967	11 996	61 560	337
3399	Other miscellaneous manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	208
33999	All other miscellaneous manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
339999	All other miscellaneous manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
	<b>Statesville-Mooresville, NC Micropolitan Statistical Area</b>												
31-33	Manufacturing .....	1	275	113	12 879	429 909	9 782	20 114	272 847	1 758 357	1 617 851	3 369 811	87 339
311	Food manufacturing .....	2	16	7	630	20 765	535	1 068	15 509	67 121	137 915	205 263	7 178
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
313	Textile mills .....	1	24	14	1 276	37 588	1 106	2 258	28 456	98 165	106 925	206 103	11 142
3131	Fiber, yarn, and thread mills .....	-	4	3	361	9 102	325	662	7 745	21 749	30 069	51 073	D
31311	Fiber, yarn, and thread mills .....	-	4	3	361	9 102	325	662	7 745	21 749	30 069	51 073	D
313111	Yarn spinning mills .....	-	2	2	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	15	8	701	21 052	618	1 252	16 249	60 529	57 897	120 107	9 597
315	Apparel manufacturing .....	-	5	3	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	-	3	2	f	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	18	7	507	14 413	368	690	8 679	44 319	32 358	77 607	2 250
3219	Other wood product manufacturing .....	2	12	6	396	11 600	299	598	7 364	27 016	27 113	54 779	1 711
32191	Millwork .....	-	6	4	259	7 795	201	408	5 202	20 273	18 240	39 090	D
322	Paper manufacturing .....	-	5	5	385	15 182	280	541	7 195	41 482	77 573	117 775	D
3222	Converted paper product manufacturing .....	-	5	5	385	15 182	280	541	7 195	41 482	77 573	117 775	D
32221	Paperboard container manufacturing .....	-	5	5	385	15 182	280	541	7 195	41 482	77 573	117 775	D
322211	Corrugated and solid fiber box manufacturing .....	-	5	5	385	15 182	280	541	7 195	41 482	77 573	117 775	D
325	Chemical manufacturing .....	-	8	5	272	10 739	217	504	8 243	130 632	109 512	242 650	1 374
326	Plastics and rubber products manufacturing .....	2	24	15	1 667	49 460	1 250	2 570	30 299	151 049	134 608	287 447	10 558
3261	Plastics product manufacturing .....	2	18	13	1 561	46 310	1 174	2 415	28 438	142 182	123 743	267 102	D
32614	Polystyrene foam product manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
326140	Polystyrene foam product manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	4	11	8	864	31 110	601	1 261	17 774	71 204	68 248	140 310	6 122
326199	All other plastics product manufacturing .....	4	11	8	864	31 110	601	1 261	17 774	71 204	68 248	140 310	6 122

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Statesville-Mooresville, NC Micropolitan Statistical Area—Con.</b>												
327	Nonmetallic mineral product manufacturing .....	1	18	8	868	29 220	721	1 484	20 659	120 227	65 426	186 594	9 478
3271	Clay product and refractory manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
327112	Vitreous china, fine earthenware, and other pottery product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3272	Glass and glass product manufacturing .....	—	7	4	387	11 182	337	709	8 630	48 678	21 960	71 344	259
32721	Glass and glass product manufacturing .....	—	7	4	387	11 182	337	709	8 630	48 678	21 960	71 344	259
331	Primary metal manufacturing .....	—	3	3	635	23 249	497	924	17 270	58 477	72 164	130 628	3 934
3314	Nonferrous metal (except aluminum) production and processing .....	—	2	2	f	D	D	D	D	D	D	D	D
33149	Nonferrous metal (except copper and aluminum) rolling, drawing, extruding, and alloying .....	—	2	2	f	D	D	D	D	D	D	D	D
331492	Secondary smelting, refining, and alloying of nonferrous metal (except copper and aluminum).....	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	44	6	616	22 459	428	892	13 069	65 757	37 101	102 896	4 870
333	Machinery manufacturing .....	1	27	14	1 324	48 490	963	2 148	28 411	143 374	101 877	238 387	4 077
3332	Industrial machinery manufacturing .....	—	7	3	270	11 530	192	407	6 947	22 976	13 194	36 297	662
3333	Commercial and service industry machinery manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
333313	Office machinery manufacturing .....	—	1	1	e	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
336	Transportation equipment manufacturing .....	1	19	8	1 442	55 818	1 117	2 213	36 104	184 401	95 708	277 669	3 158
3363	Motor vehicle parts manufacturing .....	—	13	8	1 410	54 958	1 097	2 176	35 571	180 894	92 920	271 313	3 114
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
33635	Motor vehicle transmission and power train parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Statesville-Mooresville, NC Micropolitan Statistical Area—Con.</b>													
337	Furniture and related product manufacturing .....	7	19	7	493	12 299	367	810	8 163	33 084	24 489	57 387	778
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	7	15	7	e	D	D	D	D	D	D	D	732
33712	Household and institutional furniture manufacturing .....	7	9	6	414	9 828	308	682	6 709	28 696	22 156	50 697	722
337127	Institutional furniture manufacturing .....	9	3	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	3	21	5	1 043	35 922	852	1 727	23 535	167 659	80 179	246 384	2 993
3391	Medical equipment and supplies manufacturing .....	7	9	2	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	7	9	2	f	D	D	D	D	D	D	D	D
339111	Laboratory apparatus and furniture manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	12	3	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	—	9	2	e	D	D	D	D	D	D	D	D
<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	633	226	35 688	1 272 386	26 418	53 333	832 300	4 633 789	5 352 726	10 000 112	402 538
311	Food manufacturing .....	3	40	18	i	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	2	16	10	h	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	2	16	10	h	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	—	5	2	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	9	3	2	e	D	D	D	D	D	D	D	D
311615	Poultry processing .....	1	7	5	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	9	13	3	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	8	12	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	9	2	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing .....	1	5	3	f	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	2	19	12	g	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
3132	Fabric mills .....	3	15	10	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	4	12	7	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	4	12	7	g	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery .....	5	2	2	e	D	D	D	D	D	D	D	D
313221	Narrow fabric mills .....	5	2	2	e	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	—	1	1	e	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	—	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	18	7	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	—	13	7	603	15 542	520	985	11 396	23 786	70 274	95 111	D
31499	All other textile product mills .....	—	7	4	f	D	D	D	D	D	D	D	183
314992	Tire cord and tire fabric mills .....	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA—Con.</b>													
315	Apparel manufacturing .....	1	15	7	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	1	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 .....	4	12	6	e	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors .....	6	9	4	e	D	D	D	D	D	D	D	D
315212	Women's, girls', and infants' cut and sew apparel contractors .....	9	7	3	e	D	D	D	D	D	D	D	44
321	Wood product manufacturing .....	1	43	18	1 661	54 484	1 307	2 855	38 637	141 511	228 849	368 379	9 557
3211	Sawmills and wood preservation ..	2	12	7	f	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation .....	2	12	7	f	D	D	D	D	D	D	D	D
321113	Sawmills .....	3	8	6	f	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing ....	—	6	3	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	6	3	e	D	D	D	D	D	D	D	D
321212	Softwood veneer and plywood manufacturing ....	—	1	1	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	—	25	8	f	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	—	6	2	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	14	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
32212	Paper mills .....	—	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	13	8	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	7	5	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	—	6	5	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	4	3	e	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	84	17	1 339	45 155	962	1 813	27 107	86 832	56 300	141 686	D
3231	Printing and related support activities .....	2	84	17	1 339	45 155	962	1 813	27 107	86 832	56 300	141 686	D
32311	Printing .....	2	79	15	1 257	42 708	893	1 695	25 204	82 481	55 226	137 366	D
323110	Commercial lithographic printing .....	1	39	10	f	D	D	D	D	D	D	D	D
323113	Commercial screen printing ..	—	14	4	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	27	12	h	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	—	'9	'4	'1 480	'71 778	'759	'1 390	'34 223	'330 798	'146 725	'486 378	'53 633
32518	Other basic inorganic chemical manufacturing .....	—	4	2	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ....	—	4	2	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing .....	—	'2	'1	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing ....	—	'2	'1	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	1	6	4	g	D	D	D	D	D	D	D	40 827
32521	Resin and synthetic rubber manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	2	4	3	1 741	67 767	1 498	3 195	56 380	451 551	391 907	846 742	D
325222	Noncellulosic organic fiber manufacturing .....	2	4	3	1 741	67 767	1 498	3 195	56 380	451 551	391 907	846 742	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA—Con.</b>													
326	Plastics and rubber products manufacturing .....	-	28	15	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	21	11	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	16	7	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	-	11	5	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	7	4	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	-	3	2	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	42	11	1 109	37 248	786	1 550	25 680	112 430	63 396	178 516	5 562
3271	Clay product and refractory manufacturing .....	-	5	3	e	D	D	D	D	D	D	D	1 283
32712	Clay building material and refractories manufacturing ....	-	4	3	e	D	D	D	D	D	D	D	1 283
327121	Brick and structural clay tile manufacturing .....	-	3	3	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	3	24	5	417	14 238	317	665	9 769	35 938	29 182	66 860	2 275
331	Primary metal manufacturing .....	-	7	2	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	104	39	h	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	-	41	19	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing .....	-	25	13	g	D	D	D	D	D	D	D	D
332311	Prefabricated metal building and component manufacturing .....	-	6	3	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	-	17	10	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	2	16	6	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	4	27	2	e	D	D	D	D	D	D	D	D
33271	Machine shops .....	4	26	2	e	D	D	D	D	D	D	D	D
332710	Machine shops .....	4	26	2	e	D	D	D	D	D	D	D	D
3328	Coating, engraving, heat treating, and allied activities .....	-	9	2	e	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	-	9	2	e	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	-	3	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	1	15	7	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	3	12	4	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	2	42	13	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing .....	4	9	3	306	11 153	171	349	5 274	21 652	9 097	31 105	733
33351	Metalworking machinery manufacturing .....	4	9	3	306	11 153	171	349	5 274	21 652	9 097	31 105	733
333515	Cutting tool and machine tool accessory manufacturing ...	5	4	2	259	8 794	157	319	4 778	16 460	7 027	23 779	629
3336	Engine, turbine, and power transmission equipment manufacturing .....	-	6	3	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	-	6	3	e	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing .....	-	5	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA—Con.</b>												
333	Machinery manufacturing—Con.												
3339	Other general purpose machinery manufacturing .....	—	10	3	473	17 659	333	745	11 268	34 021	37 339	75 688	1 433
33399	All other general purpose machinery manufacturing .....	1	8	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	19	8	1 907	76 449	1 085	2 190	29 781	742 130	502 509	1 247 523	17 919
3341	Computer and peripheral equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	13	5	g	D	D	D	D	D	D	D	D
3351	Electric lighting equipment manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	—	3	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 .....	1	4	2	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	1	27	13	g	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	3	12	6	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	2	2	2	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	2	2	2	e	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	—	6	2	e	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	—	6	2	e	D	D	D	D	D	D	D	D
336612	Boat building .....	—	5	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing .....	-	28	5	f	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	20	1	e	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	9	1	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	1	53	13	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	1	42	10	f	D	D	D	D	D	D	D	D
33995	Sign manufacturing .....	-	21	3	e	D	D	D	D	D	D	D	D
339950	Sign manufacturing .....	-	21	3	e	D	D	D	D	D	D	D	D
<b>Columbia, SC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	587	199	31 333	1 140 026	22 679	45 835	731 826	4 371 032	4 954 518	9 341 769	387 130
311	Food manufacturing .....	3	36	15	3 841	97 430	2 963	5 882	65 984	473 949	366 882	844 843	17 333
3116	Animal slaughtering and processing .....	3	13	7	2 674	59 405	2 271	4 676	42 728	260 138	126 467	386 012	7 855
31161	Animal slaughtering and processing .....	3	13	7	2 674	59 405	2 271	4 676	42 728	260 138	126 467	386 012	7 855
311611	Animal (except poultry) slaughtering .....	-	5	2	g	D	D	D	D	D	D	D	D
311612	Meat processed from carcasses .....	9	2	1	e	D	D	D	D	D	D	D	D
311615	Poultry processing .....	1	5	3	883	18 413	699	1 538	11 780	174 843	78 274	252 608	D
3118	Bakeries and tortilla manufacturing .....	9	12	3	466	15 097	283	592	9 229	57 972	118 306	177 469	3 205
31181	Bread and bakery product manufacturing .....	8	11	2	e	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	9	2	2	e	D	D	D	D	D	D	D	D
3119	Other food manufacturing .....	1	5	3	f	D	D	D	D	D	D	D	D
31194	Seasoning and dressing manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
311942	Spice and extract manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
312	Beverage and tobacco product manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
3121	Beverage manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
31211	Soft drink and ice manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
312111	Soft drink manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	3	17	10	2 012	58 843	1 812	3 655	48 231	128 147	164 715	299 080	35 218
3132	Fabric mills .....	3	14	9	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	5	11	6	1 203	35 412	1 105	2 231	30 406	74 425	90 454	164 698	D
313210	Broadwoven fabric mills .....	5	11	6	1 203	35 412	1 105	2 231	30 406	74 425	90 454	164 698	D
31322	Narrow fabric mills and schiffli machine embroidery .....	5	2	2	e	D	D	D	D	D	D	D	D
313221	Narrow fabric mills .....	5	2	2	e	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	-	1	1	e	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	-	1	1	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	17	7	618	15 872	533	1 009	11 644	24 679	71 452	97 182	221
3149	Other textile product mills .....	-	13	7	603	15 542	520	985	11 396	23 786	70 274	95 111	D
31499	All other textile product mills .....	-	7	4	f	D	D	D	D	D	D	D	183
314992	Tire cord and tire fabric mills .....	-	1	1	e	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	5	13	5	390	6 452	351	577	4 759	11 112	2 184	13 267	74
3152	Cut and sew apparel manufacturing .....	5	11	5	e	D	D	D	D	D	D	D	D
31521	Cut and sew apparel contractors .....	6	8	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	30	9	840	25 425	609	1 345	15 974	71 173	106 624	175 750	6 368
3211	Sawmills and wood preservation .....	-	9	5	393	13 166	327	783	10 602	32 851	84 457	115 781	2 857
32111	Sawmills and wood preservation .....	-	9	5	393	13 166	327	783	10 602	32 851	84 457	115 781	2 857
321113	Sawmills .....	1	6	4	328	11 018	272	644	8 885	26 850	56 431	82 283	1 966
3219	Other wood product manufacturing .....	-	18	4	e	D	D	D	D	D	D	D	D
32199	All other wood product manufacturing .....	-	6	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Columbia, SC Metropolitan Statistical Area—Con.</b>													
322	Paper manufacturing .....	-	13	8	1 655	79 663	1 305	2 525	56 643	397 813	316 359	696 448	17 290
3221	Pulp, paper, and paperboard mills .....	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	12	7	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	-	6	4	e	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	-	5	4	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	-	4	3	e	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing .....	-	4	3	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	80	16	1 289	44 108	939	1 779	26 623	84 710	55 506	138 890	18 150
3231	Printing and related support activities .....	2	80	16	1 289	44 108	939	1 779	26 623	84 710	55 506	138 890	18 150
32311	Printing .....	2	75	14	1 207	41 661	870	1 661	24 720	80 359	54 432	134 570	18 091
323110	Commercial lithographic printing .....	1	36	9	828	30 113	584	1 203	17 051	50 333	36 782	86 908	16 527
323113	Commercial screen printing ..	-	13	4	251	7 421	191	294	5 257	19 468	11 571	31 039	1 223
325	Chemical manufacturing .....	1	26	12	4 159	190 765	2 884	5 924	119 759	858 413	1 138 645	2 001 605	96 337
3251	Basic chemical manufacturing ...	-	19	14	1 480	171 778	1 759	1 390	134 223	1 330 798	1 146 725	1 486 378	153 633
32518	Other basic inorganic chemical manufacturing .....	-	4	2	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ....	-	4	2	g	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing .....	-	12	11	e	D	D	D	D	D	D	D	D
325199	All other basic organic chemical manufacturing ....	-	12	11	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	1	6	4	g	D	D	D	D	D	D	D	40 827
32521	Resin and synthetic rubber manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	2	4	3	1 741	67 767	1 498	3 195	56 380	451 551	391 907	846 742	D
325222	Noncellulosic organic fiber manufacturing .....	2	4	3	1 741	67 767	1 498	3 195	56 380	451 551	391 907	846 742	D
326	Plastics and rubber products manufacturing .....	-	27	14	2 932	114 368	2 466	5 188	90 297	370 073	461 357	835 201	32 145
3261	Plastics product manufacturing ..	-	20	10	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	15	6	708	21 418	600	1 138	15 772	51 166	50 921	102 312	2 961
326199	All other plastics product manufacturing .....	-	10	4	615	18 949	534	1 016	14 315	46 357	48 109	94 730	2 743
3262	Rubber product manufacturing ...	-	7	4	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	-	3	2	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	42	11	1 109	37 248	786	1 550	25 680	112 430	63 396	178 516	5 562
3271	Clay product and refractory manufacturing .....	-	5	3	e	D	D	D	D	D	D	D	1 283
32712	Clay building material and refractories manufacturing ....	-	4	3	e	D	D	D	D	D	D	D	1 283
327121	Brick and structural clay tile manufacturing .....	-	3	3	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	3	24	5	417	14 238	317	665	9 769	35 938	29 182	66 860	2 275
331	Primary metal manufacturing .....	-	7	2	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	-	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Columbia, SC Metropolitan Statistical Area—Con.</b>												
332	Fabricated metal product manufacturing .....	1	99	38	3 413	114 471	2 139	4 588	65 718	342 865	451 646	790 298	18 727
3323	Architectural and structural metals manufacturing .....	—	39	18	1 637	54 500	953	1 964	28 117	136 942	186 117	324 128	6 038
33231	Plate work and fabricated structural product manufacturing .....	—	24	13	1 364	46 865	782	1 599	23 490	112 831	175 006	289 224	5 060
332311	Prefabricated metal building and component manufacturing .....	—	5	3	e	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	—	17	10	f	D	D	D	D	D	D	D	D
33232	Ornamental and architectural metal products manufacturing .....	1	15	5	273	7 635	171	365	4 627	24 111	11 111	34 904	978
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	4	25	2	e	D	D	D	D	D	D	D	D
33271	Machine shops .....	4	24	2	262	9 219	211	347	6 768	18 446	7 071	24 902	569
332710	Machine shops .....	4	24	2	262	9 219	211	347	6 768	18 446	7 071	24 902	569
3328	Coating, engraving, heat treating, and allied activities .....	—	9	2	e	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	—	9	2	e	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	—	3	2	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	1	14	7	506	18 678	397	786	13 033	93 389	76 836	170 934	4 416
33299	All other fabricated metal product manufacturing .....	3	11	4	291	10 012	244	454	7 807	28 782	20 029	49 013	D
333	Machinery manufacturing .....	2	38	11	1 370	54 442	859	1 925	28 651	102 590	90 509	191 897	D
3335	Metalworking machinery manufacturing .....	4	9	3	306	11 153	171	349	5 274	21 652	9 097	31 105	733
33351	Metalworking machinery manufacturing .....	4	9	3	306	11 153	171	349	5 274	21 652	9 097	31 105	733
333515	Cutting tool and machine tool accessory manufacturing...	5	4	2	259	8 794	157	319	4 778	16 460	7 027	23 779	629
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
333618	Other engine equipment manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	10	3	473	17 659	333	745	11 268	34 021	37 339	75 688	1 433
33399	All other general purpose machinery manufacturing ....	1	8	2	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	19	8	1 907	76 449	1 085	2 190	29 781	742 130	502 509	1 247 523	17 919
3341	Computer and peripheral equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33411	Computer and peripheral equipment manufacturing ....	—	1	1	e	D	D	D	D	D	D	D	D
334111	Electronic computer manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3342	Communications equipment manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
33429	Other communications equipment manufacturing ....	—	2	1	e	D	D	D	D	D	D	D	D
334290	Other communications equipment manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing .....	—	3	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 <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Columbia, SC Metropolitan Statistical Area—Con.</b>													
335	Electrical equipment, appliance, and component manufacturing .....	-	12	4	1 178	49 152	788	1 533	24 760	79 347	142 976	231 620	5 991
3352	Household appliance manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	3	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 .....	1	4	2	e	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing .....	1	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	24	11	2 192	94 004	1 613	3 069	70 274	248 727	660 176	922 586	18 207
3361	Motor vehicle manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	3	11	5	842	29 543	691	1 474	22 951	69 780	159 255	234 741	4 832
33635	Motor vehicle transmission and power train parts manufacturing .....	2	2	2	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	2	2	2	e	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	26	4	510	14 300	359	598	9 207	41 055	44 795	85 472	1 027
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	19	1	346	10 040	234	419	6 704	32 175	39 625	71 403	956
33712	Household and institutional furniture manufacturing .....	-	8	1	e	D	D	D	D	D	D	D	D
337127	Institutional furniture manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	1	51	12	889	26 883	590	1 108	15 296	74 679	43 242	117 163	3 281
3399	Other miscellaneous manufacturing .....	1	40	9	783	22 364	515	969	12 772	63 923	39 677	102 881	2 792
33995	Sign manufacturing .....	-	20	3	417	12 552	318	597	8 033	35 739	21 379	55 933	2 353
339950	Sign manufacturing .....	-	20	3	417	12 552	318	597	8 033	35 739	21 379	55 933	2 353
<b>Newberry, SC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	46	27	4 355	132 360	3 739	7 498	100 474	262 757	398 208	658 343	15 408
311	Food manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	3	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	3	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	2	2	g	D	D	D	D	D	D	D	D
313	Textile mills .....	-	2	2	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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Newberry, SC Micropolitan Statistical Area—Con.</b>													
315	Apparel manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	—	1	1	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	—	1	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
321	Wood product manufacturing .....	2	13	9	821	29 059	698	1 510	22 663	70 338	122 225	192 629	3 189
3211	Sawmills and wood preservation ..	6	3	2	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation .....	6	3	2	e	D	D	D	D	D	D	D	D
321113	Sawmills .....	6	2	2	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	1 721
32121	Veneer, plywood, and engineered wood product manufacturing .....	—	3	3	e	D	D	D	D	D	D	D	1 721
321212	Softwood veneer and plywood manufacturing .....	—	1	1	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
3351	Electric lighting equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	—	1	1	e	D	D	D	D	D	D	D	D
335129	Other lighting equipment manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	3	3	2	e	D	D	D	D	D	D	D	D
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	1 152	433	70 965	2 568 226	55 367	108 849	1 701 657	12 792 734	10 531 622	23 429 425	763 491
311	Food manufacturing .....	3	33	13	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	6	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	6	2	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 .....	—	15	6	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	—	15	6	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	—	4	3	e	D	D	D	D	D	D	D	D
313	Textile mills .....	—	'88	'65	'12 005	'341 897	'10 235	'19 910	'256 635	'856 151	'1 116 085	'1 998 066	'61 232
3131	Fiber, yarn, and thread mills .....	—	8	6	g	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	—	8	6	g	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	—	6	5	f	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
3132	Fabric mills .....	—	56	45	i	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	—	28	24	i	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	—	28	24	i	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery .....	—	5	4	e	D	D	D	D	D	D	D	D
313221	Narrow fabric mills .....	—	4	4	e	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	—	13	11	f	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	—	13	11	f	D	D	D	D	D	D	D	D
31324	Knit fabric mills .....	—	10	6	f	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	—	8	4	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	1	'24	'14	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	1	21	13	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	17	12	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
314	Textile product mills .....	—	'41	'14	h	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	21	8	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	—	4	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	—	4	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	17	7	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	9	6	g	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	—	'20	'6	'1 153	'29 911	'1 020	'2 021	'23 855	'78 674	'129 029	'207 276	'1 135
31499	All other textile product mills ...	—	13	4	g	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	—	11	3	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	28	13	f	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	1	24	11	f	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	2	54	13	f	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	1	30	8	f	D	D	D	D	D	D	D	D
32191	Millwork .....	—	15	7	e	D	D	D	D	D	D	D	D
321918	Other millwork (including flooring) .....	—	6	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	28	17	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	26	15	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	13	8	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	—	8	6	e	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	5	3	f	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
32229	Other converted paper product manufacturing .....	4	7	4	e	D	D	D	D	D	D	D	D
322299	All other converted paper product manufacturing .....	4	6	4	e	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	94	17	1 532	50 087	1 057	1 714	28 936	124 010	67 621	192 287	D
3231	Printing and related support activities .....	2	94	17	1 532	50 087	1 057	1 714	28 936	124 010	67 621	192 287	D
32311	Printing .....	2	92	17	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	3	43	11	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	70	41	i	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	3	12	7	f	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ...	—	3	2	e	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing .....	3	5	3	315	17 590	140	215	5 250	43 714	69 700	114 392	D
325199	All other basic organic chemical manufacturing ...	3	5	3	315	17 590	140	215	5 250	43 714	69 700	114 392	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	6	5	g	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 .....	—	3	3	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	1	9	7	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	1	9	7	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	—	8	7	g	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing .	—	18	4	e	D	D	D	D	D	D	D	D
32561	Soap and cleaning compound manufacturing .....	—	16	4	e	D	D	D	D	D	D	D	D
325613	Surface active agent manufacturing .....	—	9	4	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
325	Chemical manufacturing—Con.												
3259	Other chemical product and preparation manufacturing . . . . .	2	17	11	867	32 791	620	1 321	19 951	145 207	149 592	293 061	3 362
32599	All other chemical product and preparation manufacturing . . .	2	15	10	f	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins . . . . .	2	4	2	e	D	D	D	D	D	D	D	831
325998	All other miscellaneous chemical product and preparation manufacturing .	3	9	6	315	13 318	225	481	7 788	77 893	79 835	159 196	D
326	Plastics and rubber products manufacturing . . . . .	2	65	41	8 677	361 497	6 942	13 947	248 479	1 455 185	1 241 525	2 694 059	D
3261	Plastics product manufacturing . .	4	54	36	i	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing . . . . .	6	11	9	h	D	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing . . . . .	8	2	2	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing . . . . .	—	6	5	f	D	D	D	D	D	D	D	D
32615	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	4	4	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	4	4	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing . . . . .	1	34	21	h	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing . . . . .	1	33	21	h	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing . . .	—	11	5	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing . . . . .	—	2	2	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
32629	Other rubber product manufacturing . . . . .	—	5	2	g	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing . . . . .	—	3	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing . . . . .	—	43	15	1 333	56 373	1 076	2 371	42 983	159 779	145 018	303 870	D
3272	Glass and glass product manufacturing . . . . .	—	6	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing . . . . .	—	6	3	f	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing . . . . .	2	30	11	f	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing . . . . .	1	10	4	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing . . . . .	1	10	4	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing . . . . .	—	14	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing . . . . .	1	220	62	6 761	237 944	5 339	10 395	160 108	549 150	457 324	1 003 731	20 565
3323	Architectural and structural metals manufacturing . . . . .	2	41	14	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing . . . . .	2	20	8	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing . . . . .	—	12	4	e	D	D	D	D	D	D	D	D
332313	Plate work manufacturing . . .	3	6	4	e	D	D	D	D	D	D	D	571
33232	Ornamental and architectural metal products manufacturing . . . . .	3	21	6	267	8 945	182	354	4 614	14 936	7 251	21 075	D
3325	Hardware manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing . . . . .	3	111	22	g	D	D	D	D	D	D	D	D
33271	Machine shops . . . . .	4	95	14	954	34 477	737	1 381	24 809	58 433	41 507	100 152	D
332710	Machine shops . . . . .	4	95	14	954	34 477	737	1 381	24 809	58 433	41 507	100 152	D
33272	Turned product and screw, nut, and bolt manufacturing . . . . .	2	16	8	e	D	D	D	D	D	D	D	D
332721	Precision turned product manufacturing . . . . .	3	10	6	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
332	Fabricated metal product manufacturing—Con.												
3328	Coating, engraving, heat treating, and allied activities .....	1	26	10	f	D	D	D	D	D	D	D	D
33281	Coating, engraving, heat treating, and allied activities ..	1	26	10	f	D	D	D	D	D	D	D	D
332812	Metal coating, engraving (except jewelry and silverware), and allied services to manufacturers ..	1	9	4	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	—	20	10	h	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing ....	—	5	4	g	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	—	15	6	g	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	130	50	8 528	362 838	5 778	11 299	205 956	6 115 169	3 143 772	9 328 827	D
3332	Industrial machinery manufacturing .....	1	33	13	g	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	1	31	12	g	D	D	D	D	D	D	D	D
333292	Textile machinery manufacturing .....	1	25	11	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing .....	—	41	13	g	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing .....	—	41	13	g	D	D	D	D	D	D	D	D
333511	Industrial mold manufacturing .....	—	8	3	e	D	D	D	D	D	D	D	D
333515	Cutting tool and machine tool accessory manufacturing...	—	18	9	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	6	6	h	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	6	6	h	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
333612	Speed changer, industrial high-speed drive, and gear manufacturing .....	—	2	2	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 .....	1	31	12	g	D	D	D	D	D	D	D	D
33392	Material handling equipment manufacturing .....	—	10	4	e	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	—	19	6	g	D	D	D	D	D	D	D	D
333991	Power-driven handtool manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	26	12	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	13	7	h	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	13	7	h	D	D	D	D	D	D	D	D
334411	Electron tube manufacturing ..	—	1	1	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
334414	Electronic capacitor manufacturing .....	—	4	3	g	D	D	D	D	D	D	D	D
334418	Printed circuit assembly (electronic assembly) 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 <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
334	Computer and electronic product manufacturing—Con.												
3345	Navigational, measuring, electromedical, and control instruments manufacturing . . . . .	—	5	4	g	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing . . .	—	5	4	g	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals . . . . .	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing . . . . .	—	22	13	h	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing . . . . .	—	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	1	1	g	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing . . . . .	—	1	1	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing . . . . .	—	12	5	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing . . . . .	—	12	5	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing . . . . .	—	3	1	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing . . . . .	—	9	7	f	D	D	D	D	D	D	D	D
33599	All other electrical equipment and component manufacturing . . . . .	—	4	3	f	D	D	D	D	D	D	D	D
335991	Carbon and graphite product manufacturing . . . . .	—	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing . . . . .	1	40	24	i	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing . . . . .	—	23	17	i	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing . . . . .	—	4	4	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing . . . . .	—	4	4	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing . . . . .	2	3	2	e	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing . . . . .	2	3	2	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing . . . . .	—	4	4	g	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing . . . . .	—	4	4	g	D	D	D	D	D	D	D	D
33636	Motor vehicle seating and interior trim manufacturing . . . . .	—	4	2	e	D	D	D	D	D	D	D	D
336360	Motor vehicle seating and interior trim manufacturing . . . . .	—	4	2	e	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping . . . . .	—	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping . . . . .	—	2	2	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing . . . . .	—	6	3	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing . . . . .	—	6	3	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing . . . . .	4	4	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing . . . . .	4	4	3	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing . . . . .	9	1	1	g	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing . . . . .	—	3	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing . . . . .	3	72	9	g	D	D	D	D	D	D	D	D
3371	Household and institutional furniture and kitchen cabinet manufacturing . . . . .	3	53	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing . . . . .	4	15	2	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing—Con.												
3372	Office furniture (including fixtures) manufacturing .....	4	17	5	f	D	D	D	D	D	D	D	D
33721	Office furniture (including fixtures) manufacturing .....	4	17	5	f	D	D	D	D	D	D	D	D
337212	Custom architectural woodwork and millwork manufacturing .....	—	10	3	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	75	8	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
339113	Surgical appliance and supplies manufacturing .....	—	7	2	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	46	6	g	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing .....	—	7	2	f	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing .....	—	7	2	f	D	D	D	D	D	D	D	D
<b>Anderson, SC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	253	97	17 949	622 315	14 598	28 960	445 458	1 666 236	2 264 467	3 936 764	154 149
313	Textile mills .....	—	'24	'20	'4 600	'123 013	'3 903	'7 387	'89 485	'299 580	'404 120	'715 317	'32 285
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
313112	Yarn texturizing, throwing, and twisting mills .....	—	1	1	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	16	14	3 435	88 511	2 936	5 411	65 171	203 680	313 876	528 843	D
31321	Broadwoven fabric mills .....	—	12	11	3 300	85 029	2 837	5 222	63 117	196 099	305 125	512 473	D
313210	Broadwoven fabric mills .....	—	12	11	3 300	85 029	2 837	5 222	63 117	196 099	305 125	512 473	D
3133	Textile and fabric finishing and fabric coating mills .....	4	'6	'4	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	4	5	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	4	4	3	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	'9	'5	'914	'22 679	'800	'1 712	'17 116	'59 916	'53 198	'115 381	'3 021
3141	Textile furnishings mills .....	—	4	4	874	21 647	770	1 654	16 438	57 613	51 293	111 353	2 981
31411	Carpet and rug mills .....	—	1	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	—	1	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	3	3	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	2	2	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	2	9	5	340	14 233	241	537	7 447	35 174	55 163	90 253	10 041
3222	Converted paper product manufacturing .....	2	9	5	340	14 233	241	537	7 447	35 174	55 163	90 253	10 041
325	Chemical manufacturing .....	1	11	6	1 607	68 196	1 204	2 445	47 803	167 868	246 773	410 851	10 438
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	2	2	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	9	2	1	e	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	9	2	1	e	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	9	2	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Anderson, SC Metropolitan Statistical Area—Con.</b>													
326	Plastics and rubber products manufacturing .....	-	26	16	2 726	109 296	2 116	4 270	76 904	373 645	555 760	932 100	36 783
3261	Plastics product manufacturing ..	-	22	14	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	16	10	1 541	58 031	1 138	2 380	36 192	177 542	227 693	406 820	13 335
326199	All other plastics product manufacturing .....	-	16	10	1 541	58 031	1 138	2 380	36 192	177 542	227 693	406 820	13 335
3262	Rubber product manufacturing ...	-	4	2	g	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	1	11	3	496	24 480	431	906	20 606	46 189	56 317	104 172	D
3272	Glass and glass product manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	3	1	e	D	D	D	D	D	D	D	D
327212	Other pressed and blown glass and glassware manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	3	55	16	1 036	36 151	788	1 556	24 783	60 937	61 386	121 138	3 338
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	6	27	7	475	17 576	364	691	13 225	25 214	26 848	51 989	2 092
33271	Machine shops .....	7	24	5	387	14 873	307	591	11 677	20 383	22 137	42 583	1 578
332710	Machine shops .....	7	24	5	387	14 873	307	591	11 677	20 383	22 137	42 583	1 578
333	Machinery manufacturing .....	1	19	2	323	11 525	232	457	7 059	39 850	15 112	50 426	3 403
335	Electrical equipment, appliance, and component manufacturing .....	-	8	5	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	11	7	2 809	118 289	2 218	4 472	79 446	397 399	463 905	863 902	29 690
3363	Motor vehicle parts manufacturing .....	-	8	7	2 790	116 782	2 207	4 449	78 769	394 641	459 435	856 674	29 660
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>Greenville, SC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	-	807	303	47 115	1 745 955	36 265	70 876	1 121 805	10 426 996	7 737 478	18 247 711	580 254
311	Food manufacturing .....	4	26	12	1 449	35 186	1 149	2 114	24 636	162 500	183 043	345 128	5 675
3116	Animal slaughtering and processing .....	-	4	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	4	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	1	1	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	11	5	466	12 862	283	512	6 991	34 077	20 406	54 358	1 239
31181	Bread and bakery product manufacturing .....	-	11	5	466	12 862	283	512	6 991	34 077	20 406	54 358	1 239

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Greenville, SC Metropolitan Statistical Area—Con.</b>												
313	Textile mills .....	—	60	42	6 997	207 775	6 031	11 940	158 384	540 345	673 013	1 216 353	27 875
3131	Fiber, yarn, and thread mills .....	—	5	3	510	13 201	439	897	9 786	25 113	40 734	65 438	D
31311	Fiber, yarn, and thread mills ...	—	5	3	510	13 201	439	897	9 786	25 113	40 734	65 438	D
313111	Yarn spinning mills .....	—	4	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	37	29	5 204	157 834	4 507	8 912	121 670	414 011	430 509	848 214	20 098
31321	Broadwoven fabric mills .....	—	15	12	3 409	93 226	3 059	5 904	75 395	215 054	252 074	466 942	6 306
313210	Broadwoven fabric mills .....	—	15	12	3 409	93 226	3 059	5 904	75 395	215 054	252 074	466 942	6 306
31323	Nonwoven fabric mills .....	—	12	10	748	31 148	608	1 268	23 965	88 589	60 079	151 790	11 200
313230	Nonwoven fabric mills .....	—	12	10	748	31 148	608	1 268	23 965	88 589	60 079	151 790	11 200
31324	Knit fabric mills .....	—	7	5	f	D	D	D	D	D	D	D	D
313249	Other knit fabric and lace mills .....	—	6	4	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	1	18	10	1 283	36 740	1 085	2 131	26 928	101 221	201 770	302 701	D
31331	Textile and fabric finishing mills .....	1	16	10	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	13	9	g	D	D	D	D	D	D	D	4 373
314	Textile product mills .....	—	29	8	2 204	55 627	1 996	3 852	46 025	123 026	423 622	560 249	2 983
3141	Textile furnishings mills .....	—	14	3	1 091	26 748	1 006	1 889	22 848	46 655	296 498	357 001	1 888
31412	Curtain and linen mills .....	—	12	3	g	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	6	3	g	D	D	D	D	D	D	D	1 853
3149	Other textile product mills .....	—	15	5	1 113	28 879	990	1 963	23 177	76 371	127 124	203 248	1 095
31499	All other textile product mills ...	—	10	3	g	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	—	9	2	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	1	19	9	565	10 279	479	929	7 221	15 347	28 092	48 378	D
3152	Cut and sew apparel manufacturing .....	2	15	7	e	D	D	D	D	D	D	D	D
31529	Other cut and sew apparel manufacturing .....	—	4	3	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	2	40	10	709	18 796	568	1 163	12 566	39 181	50 596	91 205	D
3219	Other wood product manufacturing .....	1	23	6	503	12 998	403	834	8 227	28 981	29 306	59 892	1 627
32191	Millwork .....	1	12	5	413	10 838	325	670	6 502	25 321	26 086	52 971	1 581
321918	Other millwork (including flooring) .....	—	5	2	267	7 072	207	438	3 959	18 217	17 938	37 413	1 005
322	Paper manufacturing .....	—	18	11	1 362	56 964	1 017	1 798	35 415	244 936	162 875	412 446	16 300
3222	Converted paper product manufacturing .....	—	16	9	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	9	5	410	13 515	296	589	7 647	26 930	44 074	72 479	D
322211	Corrugated and solid fiber box manufacturing .....	—	5	4	302	10 415	203	424	5 120	22 624	35 472	59 586	D
32222	Paper bag and coated and treated paper manufacturing ..	—	3	2	f	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	72	15	1 308	42 545	926	1 465	24 720	110 584	56 789	168 236	3 722
3231	Printing and related support activities .....	2	72	15	1 308	42 545	926	1 465	24 720	110 584	56 789	168 236	3 722
32311	Printing .....	2	70	15	g	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	3	35	10	804	24 848	568	839	14 269	62 323	24 280	86 822	D
325	Chemical manufacturing .....	1	56	33	3 469	138 983	2 359	3 976	70 273	650 281	769 091	1 421 383	34 647
3251	Basic chemical manufacturing ...	4	11	6	450	24 159	219	418	8 133	88 620	91 432	173 164	6 950
32519	Other basic organic chemical manufacturing .....	3	5	3	315	17 590	140	215	5 250	43 714	69 700	114 392	D
325199	All other basic organic chemical manufacturing ....	3	5	3	315	17 590	140	215	5 250	43 714	69 700	114 392	D
3254	Pharmaceutical and medicine manufacturing .....	—	7	6	1 550	49 489	1 205	1 671	30 388	317 470	357 950	685 709	17 171
32541	Pharmaceutical and medicine manufacturing .....	—	7	6	1 550	49 489	1 205	1 671	30 388	317 470	357 950	685 709	17 171
325412	Pharmaceutical preparation manufacturing .....	—	6	6	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Greenville, SC Metropolitan Statistical Area—Con.</b>													
325	Chemical manufacturing—Con.												
3256	Soap, cleaning compound, and toilet preparation manufacturing . . .	—	13	3	287	18 396	103	221	4 819	51 157	94 113	145 254	D
32561	Soap and cleaning compound manufacturing . . . . .	—	12	3	e	D	D	D	D	D	D	D	2 241
325613	Surface active agent manufacturing . . . . .	—	7	3	255	16 482	86	186	4 139	46 079	91 299	137 417	2 056
3259	Other chemical product and preparation manufacturing . . . . .	2	17	11	867	32 791	620	1 321	19 951	145 207	149 592	293 061	3 362
32599	All other chemical product and preparation manufacturing . . .	2	15	10	f	D	D	D	D	D	D	D	D
325991	Custom compounding of purchased resins . . . . .	2	4	2	e	D	D	D	D	D	D	D	831
325998	All other miscellaneous chemical product and preparation manufacturing .	3	9	6	315	13 318	225	481	7 788	77 893	79 835	159 196	D
326	Plastics and rubber products manufacturing . . . . .	4	36	22	5 561	235 681	4 481	9 003	159 783	953 001	632 071	1 579 863	153 146
3261	Plastics product manufacturing . .	6	29	19	h	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing . . . . .	7	7	6	2 613	132 554	2 002	4 028	85 021	560 222	311 843	868 061	D
326112	Plastics packaging film and sheet (including laminated) manufacturing . . . . .	9	1	1	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing . . . . .	—	4	4	876	41 606	524	1 094	17 685	119 115	106 930	223 899	D
32615	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	3	3	e	D	D	D	D	D	D	D	D
326150	Urethane and other foam product (except polystyrene) manufacturing . . . . .	—	3	3	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing . . . . .	3	16	9	1 356	38 307	1 133	2 059	26 063	89 553	81 440	169 870	D
326199	All other plastics product manufacturing . . . . .	3	15	9	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing . . .	—	7	3	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing . . . . .	—	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) . . . . .	—	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing . . . . .	—	27	11	792	30 141	606	1 375	20 908	108 704	82 053	188 118	14 144
3273	Cement and concrete product manufacturing . . . . .	1	19	8	489	17 006	380	870	12 476	44 064	35 853	79 850	D
32739	Other concrete product manufacturing . . . . .	1	8	4	258	9 132	204	478	6 786	24 332	14 497	38 907	208
327390	Other concrete product manufacturing . . . . .	1	8	4	258	9 132	204	478	6 786	24 332	14 497	38 907	208
332	Fabricated metal product manufacturing . . . . .	1	145	42	5 198	185 822	4 096	8 042	122 763	426 901	371 992	797 655	16 490
3323	Architectural and structural metals manufacturing . . . . .	2	29	9	730	25 338	524	1 039	13 771	53 502	64 961	117 447	1 319
33231	Plate work and fabricated structural product manufacturing . . . . .	2	14	5	556	19 484	410	823	10 800	43 026	60 238	103 379	1 090
332313	Plate work manufacturing . . .	4	5	3	318	9 430	251	499	6 309	21 172	25 311	46 451	571
3325	Hardware manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
33251	Hardware manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
332510	Hardware manufacturing . . . . .	—	1	1	e	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing . . . . .	2	70	14	815	28 283	632	1 202	18 712	74 241	36 699	108 982	4 497
33271	Machine shops . . . . .	2	58	9	516	18 044	397	725	12 054	35 215	18 268	53 633	3 611
332710	Machine shops . . . . .	2	58	9	516	18 044	397	725	12 054	35 215	18 268	53 633	3 611
33272	Turned product and screw, nut, and bolt manufacturing . . . . .	1	12	5	299	10 239	235	477	6 658	39 026	18 431	55 349	886
3328	Coating, engraving, heat treating, and allied activities . . . . .	—	19	8	513	18 726	393	851	11 962	34 431	19 037	53 753	1 679
33281	Coating, engraving, heat treating, and allied activities . .	—	19	8	513	18 726	393	851	11 962	34 431	19 037	53 753	1 679

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Greenville, SC Metropolitan Statistical Area—Con.</b>												
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing .....	-	12	7	2 594	90 316	2 148	4 040	66 612	217 362	222 752	440 767	5 954
33291	Metal valve manufacturing ....	-	5	4	g	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
332913	Plumbing fixture fitting and trim manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	7	3	g	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	98	41	7 719	331 097	5 168	10 000	183 970	6 028 266	3 084 270	9 187 594	140 859
3332	Industrial machinery manufacturing .....	-	27	13	g	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	1	26	12	g	D	D	D	D	D	D	D	4 444
333292	Textile machinery manufacturing .....	1	22	11	1 173	42 749	734	1 496	22 406	74 581	34 653	110 653	3 792
3335	Metalworking machinery manufacturing .....	-	25	8	g	D	D	D	D	D	D	D	18 519
33351	Metalworking machinery manufacturing .....	-	25	8	g	D	D	D	D	D	D	D	18 519
333511	Industrial mold manufacturing .....	-	5	3	404	21 047	275	506	11 723	32 166	17 426	51 694	D
333515	Cutting tool and machine tool accessory manufacturing...	-	10	4	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	-	5	5	h	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	-	5	5	h	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
333612	Speed changer, industrial high-speed drive, and gear 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 .....	1	23	9	g	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	-	16	5	1 191	44 681	827	1 499	22 332	60 212	181 744	241 112	D
333991	Power-driven handtool manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
333996	Fluid power pump and motor manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	18	9	2 878	133 608	2 035	4 347	72 178	275 877	387 885	661 651	D
3344	Semiconductor and other electronic component manufacturing .....	-	10	6	2 648	124 595	1 878	4 111	67 922	255 633	378 163	631 736	D
33441	Semiconductor and other electronic component manufacturing .....	-	10	6	2 648	124 595	1 878	4 111	67 922	255 633	378 163	631 736	D
334411	Electron tube manufacturing .....	-	1	1	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
334414	Electronic capacitor manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	12	6	671	24 669	500	1 047	14 986	61 107	43 521	107 042	D
3359	Other electrical equipment and component manufacturing .....	-	7	5	611	23 157	446	923	13 893	57 224	40 430	100 145	D
33599	All other electrical equipment and component manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
335991	Carbon and graphite 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	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Greenville, SC Metropolitan Statistical Area—Con.</b>													
336	Transportation equipment manufacturing .....	2	27	15	4 116	171 291	3 283	6 788	127 875	541 539	643 785	1 171 778	48 972
3363	Motor vehicle parts manufacturing .....	—	13	8	1 726	73 136	1 371	2 765	51 460	219 560	444 257	657 720	37 080
33637	Motor vehicle metal stamping ..	—	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping .....	—	2	2	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	—	4	1	f	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	—	4	1	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	4	4	3	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	4	4	3	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
336412	Aircraft engine and engine parts manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	3	56	9	1 232	39 128	943	1 875	23 463	66 595	67 839	133 742	2 915
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	41	3	f	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	4	12	2	e	D	D	D	D	D	D	D	D
3372	Office furniture (including fixtures) manufacturing .....	4	13	5	513	19 723	367	678	9 688	32 192	26 086	57 960	790
33721	Office furniture (including fixtures) manufacturing .....	4	13	5	513	19 723	367	678	9 688	32 192	26 086	57 960	790
337212	Custom architectural woodwork and millwork manufacturing .....	—	6	3	e	D	D	D	D	D	D	D	372
339	Miscellaneous manufacturing .....	—	52	4	554	17 255	364	624	8 316	42 832	45 053	89 231	2 390
3399	Other miscellaneous manufacturing .....	—	33	4	486	15 180	315	542	7 126	37 065	43 336	81 755	2 116
<b>Seneca, SC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	92	33	5 901	199 956	4 504	9 013	134 394	699 502	529 677	1 244 950	29 088
313	Textile mills .....	—	4	3	408	11 109	301	583	8 766	16 226	38 952	66 396	1 072
3132	Fabric mills .....	1	3	2	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	3	3	3	390	16 520	345	674	11 792	128 539	53 694	182 096	D
3261	Plastics product manufacturing ..	3	3	3	390	16 520	345	674	11 792	128 539	53 694	182 096	D
332	Fabricated metal product manufacturing .....	—	20	4	527	15 971	455	797	12 562	61 312	23 946	84 938	737
3329	Other fabricated metal product manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	13	7	486	20 216	378	842	14 927	47 053	44 390	90 807	D
334	Computer and electronic product manufacturing .....	—	4	2	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	2	2	f	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	—	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 <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Seneca, SC Micropolitan Statistical Area—Con.</b>													
335	Electrical equipment, appliance, and component manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	—	1	1	f	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
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	8	2	991	28 739	850	1 742	20 015	76 035	39 307	116 445	D
3391	Medical equipment and supplies manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	—	4	1	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	4	1	f	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
<b>MYRTLE BEACH-CONWAY-GEORGETOWN, SC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	1	230	46	7 409	253 506	5 510	10 623	162 083	682 822	783 183	1 466 441	57 870
313	Textile mills .....	9	6	4	e	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	12	2	e	D	D	D	D	D	D	D	200
321	Wood product manufacturing .....	—	16	4	e	D	D	D	D	D	D	D	D
3211	Sawmills and wood preservation .....	—	6	2	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation .....	—	6	2	e	D	D	D	D	D	D	D	D
321113	Sawmills .....	—	5	2	e	D	D	D	D	D	D	D	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
32212	Paper mills .....	—	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	4	34	3	e	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	4	34	3	e	D	D	D	D	D	D	D	D
32311	Printing .....	4	32	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	4	9	4	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing .....	4	8	4	e	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	7	6	3	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	7	21	3	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>MYRTLE BEACH-CONWAY-GEORGETOWN, SC COMBINED STATISTICAL AREA—Con.</b>													
331	Primary metal manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	3	32	7	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	4	5	3	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing .....	4	2	2	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	5	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
334414	Electronic capacitor manufacturing .....	—	1	1	g	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
<b>Georgetown, SC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	64	22	3 026	108 220	2 515	4 700	78 521	406 107	481 728	889 752	33 115
322	Paper manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	—	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>Myrtle Beach-Conway-North Myrtle Beach, SC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	2	166	24	4 383	145 286	2 995	5 923	83 562	276 715	301 455	576 689	24 755
313	Textile mills .....	9	3	3	266	5 105	237	411	3 886	15 798	19 985	35 783	1 156
321	Wood product manufacturing .....	—	12	3	278	8 542	242	510	6 967	19 096	52 137	71 033	1 498
332	Fabricated metal product manufacturing .....	4	20	3	655	23 158	468	921	15 969	69 112	34 800	107 163	1 179
3329	Other fabricated metal product manufacturing .....	4	3	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing .....	4	2	2	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	5	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
334414	Electronic capacitor 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 <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	620	243	41 303	1 471 769	31 749	60 989	998 648	5 033 828	7 604 476	12 640 101	471 355
311	Food manufacturing .....	-	23	7	h	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	-	1	1	g	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	5	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	5	1	e	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	-	4	1	e	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	1	9	2	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	7	1	e	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	1	63	48	7 827	233 005	6 530	13 323	164 646	625 736	678 720	1 292 881	46 709
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 .....	-	7	6	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	1	36	28	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	19	14	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	19	14	g	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery .....	7	7	7	f	D	D	D	D	D	D	D	D
313221	Narrow fabric mills .....	9	5	5	e	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	-	9	7	g	D	D	D	D	D	D	D	D
313230	Nonwoven fabric mills .....	-	9	7	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	1	18	13	h	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	1	15	12	h	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	13	10	g	D	D	D	D	D	D	D	D
314	Textile product mills .....	2	30	15	h	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	2	13	8	g	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	7	6	4	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	7	6	4	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	7	4	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	7	4	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	-	17	7	g	D	D	D	D	D	D	D	D
31499	All other textile product mills ...	-	14	4	g	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	-	13	4	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	7	16	5	e	D	D	D	D	D	D	D	D
3152	Cut and sew apparel manufacturing .....	7	10	4	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	1	23	7	e	D	D	D	D	D	D	D	D
3219	Other wood product manufacturing .....	2	17	4	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	20	13	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	19	12	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	-	13	10	735	26 834	573	1 233	17 464	75 444	107 052	180 771	11 000
322211	Corrugated and solid fiber box manufacturing .....	-	10	8	652	24 816	507	1 098	16 229	69 819	99 461	167 500	D
32222	Paper bag and coated and treated paper manufacturing ..	-	3	2	f	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
323	Printing and related support activities .....	-	36	7	1 077	40 250	843	1 424	29 035	93 537	75 245	166 787	D
3231	Printing and related support activities .....	-	36	7	1 077	40 250	843	1 424	29 035	93 537	75 245	166 787	D
32311	Printing .....	-	32	5	999	36 631	794	1 337	27 332	85 958	73 564	157 472	D
323111	Commercial gravure printing ..	-	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 <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA—Con.</b>													
325	Chemical manufacturing .....	-	43	22	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	12	5	e	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing .....	-	6	4	e	D	D	D	D	D	D	D	D
32552	Adhesive manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing ....	-	4	2	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	-	10	5	342	16 788	204	449	7 924	94 939	153 600	249 890	7 165
32561	Soap and cleaning compound manufacturing .....	-	10	5	342	16 788	204	449	7 924	94 939	153 600	249 890	7 165
325613	Surface active agent manufacturing .....	-	5	4	e	D	D	D	D	D	D	D	7 023
3259	Other chemical product and preparation manufacturing .....	-	11	5	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	1	42	26	3 469	132 299	2 805	5 492	95 253	339 099	371 168	710 364	D
3261	Plastics product manufacturing ..	3	38	24	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	1	24	15	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	1	22	14	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	4	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	-	2	2	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	1	27	11	g	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing .....	1	4	4	g	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing .....	1	3	3	g	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg .....	-	1	1	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	-	18	5	f	D	D	D	D	D	D	D	D
32739	Other concrete product manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	9	4	f	D	D	D	D	D	D	D	D
3314	Nonferrous metal (except aluminum) production and processing .....	-	4	2	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	-	1	1	e	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing.....	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	111	24	h	D	D	D	D	D	D	D	D
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	3	63	5	e	D	D	D	D	D	D	D	D
33271	Machine shops .....	3	62	5	e	D	D	D	D	D	D	D	D
332710	Machine shops .....	3	62	5	e	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	-	7	6	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing ....	2	2	2	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing .....	2	2	2	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	5	4	g	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA—Con.</b>												
333	Machinery manufacturing .....	-	60	22	h	D	D	D	D	D	D	D	D
3332	Industrial machinery manufacturing .....	2	21	5	e	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
333415	Air-conditioning and warm air heating equipment and commercial and industrial refrigeration equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing .....	1	18	7	e	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing .....	1	18	7	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	-	9	3	1 084	24 319	249	398	7 820	44 406	59 780	100 802	1 104
33399	All other general purpose machinery manufacturing ....	-	6	2	f	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	2	7	4	250	9 279	141	290	2 950	24 790	14 514	39 267	D
335	Electrical equipment, appliance, and component manufacturing .....	-	10	4	g	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	-	3	2	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	-	1	1	f	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	31	16	i	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	-	2	2	i	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
336111	Automobile manufacturing...	-	1	1	h	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	19	13	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	-	4	3	607	17 009	521	1 040	13 039	52 069	48 639	97 944	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	-	4	3	607	17 009	521	1 040	13 039	52 069	48 639	97 944	D
33635	Motor vehicle transmission and power train parts manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping ..	-	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping .....	-	2	2	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	-	6	4	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	-	6	4	e	D	D	D	D	D	D	D	D
3365	Railroad rolling stock manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA—Con.</b>													
339	Miscellaneous manufacturing .....	2	24	8	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	2	17	8	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	4	8	6	e	D	D	D	D	D	D	D	D
<b>Gaffney, SC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	64	36	6 806	223 650	5 803	11 313	177 876	1 220 585	1 120 124	2 338 013	42 360
311	Food manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	—	1	1	g	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	—	1	1	e	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	—	1	1	e	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	—	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	—	14	14	2 076	63 443	1 789	3 791	48 712	185 285	117 855	312 356	16 727
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
313111	Yarn spinning mills .....	—	2	2	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	6	6	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	—	4	4	564	19 200	465	1 019	13 648	36 664	25 625	63 398	D
313210	Broadwoven fabric mills ....	—	4	4	564	19 200	465	1 019	13 648	36 664	25 625	63 398	D
3133	Textile and fabric finishing and fabric coating mills .....	—	6	6	979	29 561	800	1 646	20 907	124 598	64 191	197 661	D
31331	Textile and fabric finishing mills .....	—	6	6	979	29 561	800	1 646	20 907	124 598	64 191	197 661	D
313311	Broadwoven fabric finishing mills .....	—	5	5	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	3	2	278	8 667	221	433	5 781	14 281	21 736	36 262	4 411
3261	Plastics product manufacturing ..	—	3	2	278	8 667	221	433	5 781	14 281	21 736	36 262	4 411
32619	Other plastics product manufacturing .....	—	3	2	278	8 667	221	433	5 781	14 281	21 736	36 262	4 411
326199	All other plastics product manufacturing .....	—	3	2	278	8 667	221	433	5 781	14 281	21 736	36 262	4 411
332	Fabricated metal product manufacturing .....	—	5	3	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	—	1	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
336	Transportation equipment manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>Spartanburg, SC Metropolitan Statistical Area</b>													
31-33	Manufacturing .....	—	521	188	30 964	1 144 931	23 060	44 104	750 020	3 581 177	6 253 391	9 831 728	412 031
311	Food manufacturing .....	1	19	5	929	36 636	688	1 357	24 076	108 477	159 401	267 539	13 502
3118	Bakeries and tortilla manufacturing .....	1	8	2	e	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	—	6	1	e	D	D	D	D	D	D	D	D
311813	Frozen cakes, pies, and other pastries manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Spartanburg, SC Metropolitan Statistical Area—Con.</b>													
313	Textile mills .....	2	41	26	4 126	124 416	3 391	6 841	83 047	355 022	439 338	769 909	20 786
3131	Fiber, yarn, and thread mills .....	6	6	4	540	14 231	461	870	10 467	14 628	148 640	145 561	2 013
31311	Fiber, yarn, and thread mills ...	6	6	4	540	14 231	461	870	10 467	14 628	148 640	145 561	2 013
313111	Yarn spinning mills .....	—	4	3	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	1	26	18	2 791	85 611	2 272	4 630	56 123	201 540	219 128	412 185	16 317
31321	Broadwoven fabric mills .....	—	12	7	1 033	28 729	897	1 788	21 658	65 783	102 181	165 658	4 372
313210	Broadwoven fabric mills .....	—	12	7	1 033	28 729	897	1 788	21 658	65 783	102 181	165 658	4 372
31322	Narrow fabric mills and schiffli machine embroidery .....	8	6	6	f	D	D	D	D	D	D	D	885
313221	Narrow fabric mills .....	9	5	5	e	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	—	7	5	1 227	44 432	931	1 950	25 363	109 636	96 709	200 578	11 060
313230	Nonwoven fabric mills .....	—	7	5	1 227	44 432	931	1 950	25 363	109 636	96 709	200 578	11 060
3133	Textile and fabric finishing and fabric coating mills .....	—	9	4	795	24 574	658	1 341	16 457	138 854	71 570	212 163	2 456
31331	Textile and fabric finishing mills .....	—	6	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	—	6	3	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	2	25	11	1 891	54 278	1 669	3 448	43 073	184 406	253 382	437 992	7 388
3141	Textile furnishings mills .....	2	10	5	1 368	37 029	1 242	2 607	30 801	156 332	173 393	329 676	D
31411	Carpet and rug mills .....	7	4	2	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	7	4	2	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	7	6	3	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	—	6	3	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	—	15	6	523	17 249	427	841	12 272	28 074	79 989	108 316	D
31499	All other textile product mills ...	—	12	3	402	13 471	312	632	8 801	17 464	73 876	91 337	D
314999	All other miscellaneous textile product mills .....	—	12	3	402	13 471	312	632	8 801	17 464	73 876	91 337	D
315	Apparel manufacturing .....	8	13	4	317	5 810	267	483	4 751	14 734	12 680	27 080	D
321	Wood product manufacturing .....	1	19	5	373	10 153	272	517	5 915	24 186	33 036	56 522	1 296
3219	Other wood product manufacturing .....	1	16	4	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	18	12	1 251	43 723	1 006	2 059	30 093	116 396	157 399	273 598	13 160
3222	Converted paper product manufacturing .....	—	18	12	1 251	43 723	1 006	2 059	30 093	116 396	157 399	273 598	13 160
32221	Paperboard container manufacturing .....	—	13	10	735	26 834	573	1 233	17 464	75 444	107 052	180 771	11 000
322211	Corrugated and solid fiber box manufacturing .....	—	10	8	652	24 816	507	1 098	16 229	69 819	99 461	167 500	D
32222	Paper bag and coated and treated paper manufacturing ..	—	3	2	f	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
323	Printing and related support activities .....	—	33	7	1 074	40 202	840	1 421	29 007	93 432	75 208	166 645	D
3231	Printing and related support activities .....	—	33	7	1 074	40 202	840	1 421	29 007	93 432	75 208	166 645	D
32311	Printing .....	—	29	5	996	36 583	791	1 334	27 304	85 853	73 527	157 330	D
323111	Commercial gravure printing ..	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	37	19	1 908	89 179	1 242	2 688	47 357	453 947	686 878	1 135 685	38 080
3251	Basic chemical manufacturing ...	—	10	3	324	13 704	200	349	6 246	104 352	73 010	176 843	18 443
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3255	Paint, coating, and adhesive manufacturing .....	—	5	4	366	13 763	243	527	7 798	120 069	131 538	251 789	3 556
32552	Adhesive manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
325520	Adhesive manufacturing ....	—	3	2	e	D	D	D	D	D	D	D	D
3256	Soap, cleaning compound, and toilet preparation manufacturing ..	—	10	5	342	16 788	204	449	7 924	94 939	153 600	249 890	7 165
32561	Soap and cleaning compound manufacturing .....	—	10	5	342	16 788	204	449	7 924	94 939	153 600	249 890	7 165
325613	Surface active agent manufacturing .....	—	5	4	e	D	D	D	D	D	D	D	7 023

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA—Con.</b>												
	<b>Spartanburg, SC Metropolitan Statistical Area—Con.</b>												
325 3259	Chemical manufacturing—Con. Other chemical product and preparation manufacturing .....	—	9	5	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	2	36	22	2 993	117 600	2 435	4 774	86 867	310 201	339 426	650 008	39 601
3261	Plastics product manufacturing ..	3	32	20	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	19	12	1 291	44 534	982	1 960	27 561	115 323	83 153	197 964	22 216
326199	All other plastics product manufacturing .....	2	17	11	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	4	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	—	3	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	—	2	2	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	1	20	9	1 801	66 305	1 401	2 508	48 129	169 044	83 397	251 004	7 884
3271	Clay product and refractory manufacturing .....	1	3	3	g	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing .....	1	3	3	g	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg .....	—	1	1	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	—	13	5	646	22 687	421	783	13 726	55 157	37 241	91 301	D
32739	Other concrete product manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
327390	Other concrete product manufacturing .....	—	3	2	e	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	8	4	552	19 889	433	817	14 462	41 816	36 309	79 142	5 130
3314	Nonferrous metal (except aluminum) production and processing .....	—	4	2	e	D	D	D	D	D	D	D	D
33142	Copper rolling, drawing, extruding, and alloying .....	—	1	1	e	D	D	D	D	D	D	D	D
331422	Copper wire (except mechanical) drawing.....	—	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	97	18	2 050	79 717	1 565	2 987	52 770	162 941	138 877	305 335	9 622
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	3	58	5	e	D	D	D	D	D	D	D	D
33271	Machine shops .....	3	57	5	411	15 666	307	566	9 683	29 016	11 880	40 739	1 595
332710	Machine shops .....	3	57	5	411	15 666	307	566	9 683	29 016	11 880	40 739	1 595
3329	Other fabricated metal product manufacturing .....	—	4	3	932	36 629	729	1 346	25 896	72 865	63 348	138 778	4 738
33291	Metal valve manufacturing ....	—	1	1	e	D	D	D	D	D	D	D	D
332919	Other metal valve and pipe fitting manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	—	3	2	f	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
332996	Fabricated pipe and pipe fitting manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	55	19	2 574	77 234	1 343	2 393	41 454	200 578	169 958	366 596	5 844
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	—	3	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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Spartanburg, SC Metropolitan Statistical Area—Con.</b>													
333	Machinery manufacturing—Con.												
3335	Metalworking machinery manufacturing .....	1	17	7	397	15 726	254	485	8 546	29 216	11 359	41 014	657
33351	Metalworking machinery manufacturing .....	1	17	7	397	15 726	254	485	8 546	29 216	11 359	41 014	657
3339	Other general purpose machinery manufacturing .....	—	9	3	1 084	24 319	249	398	7 820	44 406	59 780	100 802	1 104
33399	All other general purpose machinery manufacturing ....	—	6	2	f	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	2	7	4	250	9 279	141	290	2 950	24 790	14 514	39 267	D
335	Electrical equipment, appliance, and component manufacturing .....	—	9	4	1 243	45 414	700	1 288	18 227	74 178	181 525	276 653	D
3353	Electrical equipment manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	—	4	2	e	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	—	3	2	e	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	—	1	1	f	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	28	14	7 130	308 717	5 311	9 520	207 777	1 214 605	3 449 528	4 673 744	204 600
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
336111	Automobile manufacturing ...	—	1	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	17	12	2 239	85 473	1 607	3 491	52 699	264 984	677 672	938 659	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	—	4	3	607	17 009	521	1 040	13 039	52 069	48 639	97 944	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	—	4	3	607	17 009	521	1 040	13 039	52 069	48 639	97 944	D
33635	Motor vehicle transmission and power train parts manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping ..	—	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping .....	—	2	2	f	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	—	4	3	360	16 016	209	483	8 525	47 427	138 894	185 884	D
336399	All other motor vehicle parts manufacturing .....	—	4	3	360	16 016	209	483	8 525	47 427	138 894	185 884	D
3365	Railroad rolling stock manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33651	Railroad rolling stock manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
336510	Railroad rolling stock manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	7	19	5	345	11 907	235	482	6 811	23 013	9 788	32 831	D
3399	Other miscellaneous manufacturing .....	7	13	5	324	11 073	219	450	6 237	21 735	9 461	31 227	D
33999	All other miscellaneous manufacturing .....	7	6	4	266	9 285	188	384	5 718	18 850	8 010	26 891	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA—Con.</b>													
<b>Union, SC Micropolitan Statistical Area</b>													
31-33	Manufacturing .....	1	35	19	3 533	103 188	2 886	5 572	70 752	232 066	230 961	470 360	16 964
313	Textile mills .....	3	8	8	1 625	45 146	1 350	2 691	32 887	85 429	121 527	210 616	9 196
3132	Fabric mills .....	—	4	4	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	—	3	3	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	—	3	3	e	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	8	3	3	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	8	3	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	9	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	3	2	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	—	2	1	f	D	D	D	D	D	D	D	D
31499	All other textile product mills .....	—	2	1	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	9	3	542	19 577	457	909	14 556	49 224	34 946	83 464	D
3329	Other fabricated metal product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
<b>AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA</b>													
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
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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA—Con.</b>												
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
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 unlined 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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA—Con.</b>													
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
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

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>AUGUSTA-RICHMOND COUNTY, GA-SC METROPOLITAN STATISTICAL AREA—Con.</b>													
336	Transportation equipment manufacturing—Con.												
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
339	Miscellaneous manufacturing .....	-	39	2		683	29 240	535	1 170	20 965	90 604	118 232	209 045
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
<b>BENNETTSVILLE, SC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	31	19		3 532	102 745	2 919	6 232	72 815	421 550	397 130	822 853
311	Food manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
31142	Fruit and vegetable canning, pickling, and drying .....	-	1	1	e	D	D	D	D	D	D	D	D
311422	Specialty canning .....	-	1	1	e	D	D	D	D	D	D	D	D
313	Textile mills .....	-	3	3	g	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
3133	Textile and fabric finishing and fabric coating mills .....	1	2	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	1	2	2	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	2	2	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	4	3	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing ....	-	3	3	e	D	D	D	D	D	D	D	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	3	3	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	4	3	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
322121	Paper (except newsprint) mills .....	-	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	6	3		691	19 474	502	1 128	10 660	72 119	37 454	108 604
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
333414	Heating equipment (except warm air furnaces) 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 <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
	<b>CHARLESTON-NORTH CHARLESTON, SC METROPOLITAN STATISTICAL AREA</b>												
31-33	Manufacturing .....	-	451	137	19 939	806 650	14 028	28 701	493 689	3 036 852	3 736 223	6 769 391	179 219
311	Food manufacturing .....	3	31	4	489	13 253	269	428	6 015	45 934	77 492	123 596	2 515
3115	Dairy product manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	D
31151	Dairy product (except frozen) manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
311511	Fluid milk manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
313	Textile mills .....	-	6	3	901	30 535	691	1 346	20 013	60 516	89 899	151 988	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
314	Textile product mills .....	2	17	5	292	7 181	215	404	4 202	19 610	17 760	33 890	1 086
321	Wood product manufacturing .....	1	30	10	950	31 537	799	1 656	24 010	50 796	122 206	169 642	979
3211	Sawmills and wood preservation .....	1	'10	'3	'286	'10 155	'230	'500	'7 191	'9 530	'57 860	'66 481	'327
32111	Sawmills and wood preservation .....	1	'10	'3	'286	'10 155	'230	'500	'7 191	'9 530	'57 860	'66 481	'327
321113	Sawmills .....	-	'8	'3	e	D	D	D	D	D	D	D	D
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	4	4	507	16 885	442	903	13 600	28 201	49 312	74 992	298
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	4	4	507	16 885	442	903	13 600	28 201	49 312	74 992	298
321212	Softwood veneer and plywood manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	5	4	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	4	53	7	490	14 902	353	648	8 955	32 318	23 795	56 129	1 088
3231	Printing and related support activities .....	4	53	7	490	14 902	353	648	8 955	32 318	23 795	56 129	1 088
32311	Printing .....	4	53	7	490	14 902	353	648	8 955	32 318	23 795	56 129	1 088
325	Chemical manufacturing .....	-	25	15	1 780	106 749	887	1 972	45 986	585 573	672 972	1 259 953	25 756
3251	Basic chemical manufacturing .....	-	10	8	1 427	91 628	651	1 509	36 851	528 777	580 916	1 107 121	23 700
32513	Synthetic dye and pigment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32519	Other basic organic chemical manufacturing .....	1	4	4	524	34 284	187	410	10 929	140 502	135 853	273 233	7 072
325199	All other basic organic chemical manufacturing .....	1	3	3	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	'22	'10	'685	'21 357	'512	'937	'12 988	'93 251	'51 762	'144 830	'8 122
3261	Plastics product manufacturing .....	-	12	6	285	9 752	214	424	6 355	34 198	21 394	56 080	D
3262	Rubber product manufacturing .....	-	'10	'4	'400	'11 605	'298	'513	'6 633	'59 053	'30 368	'88 750	D
327	Nonmetallic mineral product manufacturing .....	-	'35	'14	'1 092	'43 227	'773	'1 502	'27 541	'175 079	'90 579	'266 173	'24 745
3273	Cement and concrete product manufacturing .....	-	19	11	899	35 373	645	1 268	23 491	138 019	70 526	208 667	D
32731	Cement manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
327310	Cement manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
32732	Ready-mix concrete manufacturing .....	3	9	5	298	11 767	242	459	7 516	27 500	28 458	55 994	3 231
327320	Ready-mix concrete manufacturing .....	3	9	5	298	11 767	242	459	7 516	27 500	28 458	55 994	3 231

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLESTON-NORTH CHARLESTON, SC METROPOLITAN STATISTICAL AREA—Con.</b>													
331	Primary metal manufacturing .....	-	11	6	g	D	D	D	D	D	D	D	26 573
3311	Iron and steel mills and ferroalloy manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	-	5	3	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	5	3	f	D	D	D	D	D	D	D	D
331312	Primary aluminum production .....	-	1	1	e	D	D	D	D	D	D	D	D
331315	Aluminum sheet, plate, and foil manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	69	18	2 045	75 029	1 557	2 941	47 242	165 575	168 804	334 711	21 919
3322	Cutlery and handtool manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	-	5	2	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	-	21	4	674	29 085	476	954	16 334	61 125	57 519	118 437	1 873
33231	Plate work and fabricated structural product manufacturing .....	1	10	3	557	25 301	399	804	14 115	50 039	21 530	71 578	734
332312	Fabricated structural metal manufacturing .....	1	10	3	557	25 301	399	804	14 115	50 039	21 530	71 578	734
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	1	23	5	f	D	D	D	D	D	D	D	D
33271	Machine shops .....	-	21	5	532	19 432	413	689	13 111	45 928	17 936	64 305	16 925
332710	Machine shops .....	-	21	5	532	19 432	413	689	13 111	45 928	17 936	64 305	16 925
3329	Other fabricated metal product manufacturing .....	3	11	5	321	11 132	244	525	7 350	21 264	22 545	44 577	1 565
333	Machinery manufacturing .....	-	18	11	852	32 136	430	915	15 366	104 832	141 770	241 784	10 031
3336	Engine, turbine, and power transmission equipment manufacturing .....	-	6	6	481	18 931	250	566	10 332	59 315	64 211	121 141	7 540
33361	Engine, turbine, and power transmission equipment manufacturing .....	-	6	6	481	18 931	250	566	10 332	59 315	64 211	121 141	7 540
333618	Other engine equipment manufacturing .....	-	4	4	e	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	-	6	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	6	4	573	28 813	262	535	9 905	90 159	83 655	177 477	D
3351	Electric lighting equipment manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
33512	Lighting fixture manufacturing ..	-	2	1	e	D	D	D	D	D	D	D	D
335121	Residential electric lighting fixture manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	36	11	4 458	176 654	3 141	6 500	112 547	679 632	834 171	1 491 234	23 013
3363	Motor vehicle parts manufacturing .....	-	7	4	3 289	137 850	2 232	4 661	84 940	591 827	724 869	1 294 115	18 921
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	-	23	7	1 148	38 166	892	1 808	27 166	84 437	106 933	191 370	4 025
33661	Ship and boat building .....	-	23	7	1 148	38 166	892	1 808	27 166	84 437	106 933	191 370	4 025
336611	Ship building and repairing ..	-	7	3	653	23 436	539	1 133	18 295	50 839	38 003	88 842	823
336612	Boat building .....	-	16	4	495	14 730	353	675	8 871	33 598	68 930	102 528	3 202

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLESTON-NORTH CHARLESTON, SC METROPOLITAN STATISTICAL AREA—Con.</b>													
337	Furniture and related product manufacturing .....	2	29	3	414	13 250	308	637	8 196	17 712	21 696	39 880	838
3372	Office furniture (including fixtures) manufacturing .....	—	6	2	291	10 143	211	471	6 095	11 747	16 913	29 132	666
33721	Office furniture (including fixtures) manufacturing .....	—	6	2	291	10 143	211	471	6 095	11 747	16 913	29 132	666
339	Miscellaneous manufacturing .....	—	40	8	1 315	37 828	1 003	2 004	24 046	241 957	129 006	369 939	11 192
3391	Medical equipment and supplies manufacturing .....	—	21	6	1 066	30 124	844	1 672	19 365	223 696	119 772	342 682	10 097
33911	Medical equipment and supplies manufacturing .....	—	21	6	1 066	30 124	844	1 672	19 365	223 696	119 772	342 682	10 097
339112	Surgical and medical instrument manufacturing ..	—	2	1	e	D	D	D	D	D	D	D	D
339113	Surgical appliance and supplies manufacturing ....	—	4	4	f	D	D	D	D	D	D	D	D
<b>DILLON, SC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	27	9	2 405	63 020	1 724	3 582	44 749	129 151	195 059	324 716	8 154
311	Food manufacturing .....	—	2	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
313	Textile mills .....	2	5	3	339	7 407	305	606	5 457	15 665	25 609	41 359	3 644
314	Textile product mills .....	8	2	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33639	Other motor vehicle parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
336399	All other motor vehicle parts manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
<b>FLORENCE, SC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	193	85	17 678	635 585	13 651	27 403	439 455	2 101 692	3 409 454	5 529 289	141 835
311	Food manufacturing .....	2	18	7	1 145	34 086	683	1 216	18 213	92 767	146 311	244 153	4 922
3118	Bakeries and tortilla manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	—	5	3	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	—	2	2	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 .....	—	2	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	—	2	1	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	—	1	1	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	—	9	6	678	12 167	621	1 150	10 409	26 535	29 363	56 192	3 719
3141	Textile furnishings mills .....	—	3	3	303	4 470	283	497	3 972	6 617	5 998	13 562	2 839
31412	Curtain and linen mills .....	—	3	3	303	4 470	283	497	3 972	6 617	5 998	13 562	2 839
3149	Other textile product mills .....	1	6	3	375	7 697	338	653	6 437	19 918	23 365	42 630	880
31499	All other textile product mills ...	1	6	3	375	7 697	338	653	6 437	19 918	23 365	42 630	880
314999	All other miscellaneous textile product mills .....	1	6	3	375	7 697	338	653	6 437	19 918	23 365	42 630	880
315	Apparel manufacturing .....	—	8	5	323	5 628	275	482	3 975	27 511	26 626	53 572	182

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>FLORENCE, SC METROPOLITAN STATISTICAL AREA—Con.</b>													
321	Wood product manufacturing .....	-	17	8	791	19 977	666	1 411	14 984	93 574	104 616	197 673	2 436
3211	Sawmills and wood preservation ..	-	4	2	e	D	D	D	D	D	D	D	D
32111	Sawmills and wood preservation .....	-	4	2	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	1 190
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	4	2	e	D	D	D	D	D	D	D	1 190
3219	Other wood product manufacturing .....	1	9	4	279	7 022	249	509	5 792	14 013	23 633	38 334	D
322	Paper manufacturing .....	-	9	8	1 818	84 495	1 571	3 256	68 826	353 810	295 990	647 990	17 757
3221	Pulp, paper, and paperboard mills .....	-	2	2	f	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	-	2	2	f	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	-	2	2	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
32221	Paperboard container manufacturing .....	-	6	5	f	D	D	D	D	D	D	D	D
322214	Fiber can, tube, drum, and similar products manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	13	8	3 130	122 007	2 127	4 473	70 982	529 624	1 051 312	1 578 460	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	4	4	h	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	3	3	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	-	3	3	g	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
325411	Medicinal and botanical manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	4	10	4	1 775	64 001	1 394	2 542	42 929	132 562	154 205	277 093	D
3261	Plastics product manufacturing ..	4	9	4	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	5	3	3	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	-	2	1	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	39	15	1 864	67 955	1 380	2 786	45 637	134 460	116 356	250 656	3 489
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 .....	-	2	1	e	D	D	D	D	D	D	D	D
3323	Architectural and structural metals manufacturing .....	-	11	6	709	27 073	452	799	15 284	42 544	75 141	117 311	2 017
33231	Plate work and fabricated structural product manufacturing .....	-	10	5	f	D	D	D	D	D	D	D	2 017
332312	Fabricated structural metal manufacturing .....	-	7	5	659	25 854	421	737	14 417	38 728	72 955	111 319	1 993

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>FLORENCE, SC METROPOLITAN STATISTICAL AREA—Con.</b>													
332	Fabricated metal product manufacturing—Con.												
3329	Other fabricated metal product manufacturing .....	5	5	4	549	21 971	480	1 041	18 124	48 537	25 480	74 065	1 075
33299	All other fabricated metal product manufacturing .....	6	4	3	e	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	9	1	1	e	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	8	2	612	26 846	365	730	13 969	52 243	42 010	96 498	459
3339	Other general purpose machinery manufacturing .....	—	5	2	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	—	5	2	f	D	D	D	D	D	D	D	D
333992	Welding and soldering equipment manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	3	1	e	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	—	1	1	e	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
334510	Electromedical and electrotherapeutic apparatus manufacturing ...	—	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	5	3	671	19 939	538	1 014	12 277	13 240	85 633	102 411	5 039
3352	Household appliance manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	2	1	e	D	D	D	D	D	D	D	D
335221	Household cooking appliance manufacturing .....	—	2	1	e	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	—	2	2	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	9	4	1 988	61 064	1 808	3 731	51 364	278 411	711 604	989 953	D
3369	Other transportation equipment manufacturing .....	—	2	1	g	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing .....	—	2	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
337	Furniture and related product manufacturing .....	—	6	3	330	11 147	256	545	8 298	17 929	114 809	134 553	749
<b>GREENWOOD, SC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	—	85	34	9 246	331 076	7 424	15 747	254 724	998 856	1 366 337	2 349 279	133 570
311	Food manufacturing .....	—	4	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
311611	Animal (except poultry) slaughtering .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	3	6	6	1 063	27 375	916	1 940	22 272	53 518	100 474	153 886	D
3131	Fiber, yarn, and thread mills .....	9	2	2	e	D	D	D	D	D	D	D	D
31311	Fiber, yarn, and thread mills ...	9	2	2	e	D	D	D	D	D	D	D	D
313111	Yarn spinning mills .....	9	2	2	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	2	3	3	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
314	Textile product mills .....	—	3	1	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	—	2	1	e	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	—	2	1	e	D	D	D	D	D	D	D	D
314121	Curtain and drapery mills ....	—	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 <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENWOOD, SC MICROPOLITAN STATISTICAL AREA—Con.</b>													
321	Wood product manufacturing .....	1	4	2	e	D	D	D	D	D	D	D	4 013
3219	Other wood product manufacturing .....	1	4	2	e	D	D	D	D	D	D	D	4 013
32191	Millwork .....	1	2	2	e	D	D	D	D	D	D	D	D
321911	Wood window and door manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
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
322291	Sanitary paper product manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	5	5	3 202	149 535	2 597	5 835	126 101	489 255	838 643	1 314 104	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
3255	Paint, coating, and adhesive manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
32551	Paint and coating manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
325510	Paint and coating manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	2	2	g	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	3	2	e	D	D	D	D	D	D	D	202
3315	Foundries .....	-	3	2	e	D	D	D	D	D	D	D	202
33151	Ferrous metal foundries .....	-	2	2	e	D	D	D	D	D	D	D	D
331511	Iron foundries .....	-	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	10	2	303	9 418	237	453	6 800	27 501	23 930	50 757	940
333	Machinery manufacturing .....	-	8	2	f	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
333611	Turbine and turbine generator set units manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	-	11	3	293	6 768	230	424	3 727	14 092	18 841	33 372	317
3399	Other miscellaneous manufacturing .....	-	10	3	e	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	-	7	2	252	5 473	201	356	2 912	11 940	16 831	29 360	D
<b>HILTON HEAD ISLAND-BEAUFORT, SC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	4	108	14	1 080	35 290	766	1 526	20 839	107 755	105 167	209 107	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ORANGEBURG, SC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	89	39	7 954	297 833	5 954	11 825	185 586	781 738	1 186 082	1 935 859	218 681
311	Food manufacturing .....	-	8	2	623	23 101	243	523	7 404	74 440	56 832	131 437	2 717
3118	Bakeries and tortilla manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	17	11	766	22 172	623	1 249	15 199	45 508	97 003	145 778	3 253
3211	Sawmills and wood preservation .....	-	6	4	330	10 283	252	521	6 331	20 462	59 064	82 839	1 087
32111	Sawmills and wood preservation .....	-	6	4	330	10 283	252	521	6 331	20 462	59 064	82 839	1 087
3212	Veneer, plywood, and engineered wood product manufacturing .....	-	5	5	304	7 887	253	516	5 694	20 748	29 204	50 050	D
32121	Veneer, plywood, and engineered wood product manufacturing .....	-	5	5	304	7 887	253	516	5 694	20 748	29 204	50 050	D
325	Chemical manufacturing .....	-	6	3	324	19 701	106	240	4 836	121 065	123 502	243 315	10 500
3251	Basic chemical manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing .....	-	2	1	e	D	D	D	D	D	D	D	D
32612	Plastics pipe, pipe fitting, and unlined profile shape manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
326121	Unlined plastics profile shape manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	5	3	311	16 194	254	589	11 924	54 295	47 795	98 670	D
3273	Cement and concrete product manufacturing .....	-	4	3	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	11	4	898	31 805	663	1 409	20 411	58 527	85 551	144 491	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
333	Machinery manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	3	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
33634	Motor vehicle brake system manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>SUMTER, SC METROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	77	37	10 353	323 890	8 897	17 746	248 775	989 934	802 770	1 775 964	52 331
311	Food manufacturing .....	-	5	3	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

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SUMTER, SC METROPOLITAN STATISTICAL AREA—Con.</b>													
313	Textile mills .....	-	4	3	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	3	3	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	3	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	3	1	e	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	2	1	e	D	D	D	D	D	D	D	D
31411	Carpet and rug mills .....	-	1	1	e	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	-	1	1	e	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	3	3	432	15 605	302	382	8 610	41 077	85 681	125 770	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	2	2	e	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	22	8	1 269	43 157	1 039	2 088	33 211	149 687	48 159	200 397	6 949
3322	Cutlery and handtool manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	-	5	3	e	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	5	3	e	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing .....	-	1	1	e	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	9	5	1 117	23 766	1 022	2 088	19 189	57 843	37 731	84 713	2 094
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	7	5	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	4	3	994	20 295	925	1 903	16 836	50 928	33 058	73 124	1 907
337122	Nonupholstered wood household furniture manufacturing .....	-	4	3	994	20 295	925	1 903	16 836	50 928	33 058	73 124	1 907
339	Miscellaneous manufacturing .....	-	5	1	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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>WALTERBORO, SC MICROPOLITAN STATISTICAL AREA</b>													
31-33	Manufacturing .....	-	33	12	1 340	37 545	1 098	2 290	26 656	103 723	73 944	183 199	D
313	Textile mills .....	-	2	2	e	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	2	2	e	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	2	2	e	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	2	2	e	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	6	5	287	7 909	245	557	5 703	19 083	18 827	38 625	D

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

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

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

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

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

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ABBEVILLE</b>													
31-33	Manufacturing .....	-	35	17	3 236	95 430	2 757	5 511	73 342	217 780	322 406	541 402	15 331
313	Textile mills .....	-	6	5	1 663	44 502	1 473	3 047	35 290	93 204	153 752	249 710	7 288
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
3132	Fabric mills .....	-	3	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	3	2	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	3	2	f	D	D	D	D	D	D	D	D
<b>AIKEN</b>													
31-33	Manufacturing .....	1	106	41	17 813	988 824	9 833	21 018	408 373	2 329 321	1 464 445	3 842 596	150 730
313	Textile mills .....	-	11	8	g	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 .....	-	2	2	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	2	2	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	7	4	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	7	4	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	5	3	g	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	2	6	6	j	D	D	D	D	D	D	D	11 604
3251	Basic chemical manufacturing ...	-	3	3	i	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	-	1	1	i	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing .....	-	1	1	i	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	6	4	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	16	6	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	2	5	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	11	6	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
<b>ALLENDALE</b>													
31-33	Manufacturing .....	4	10	7	1 055	30 951	823	1 664	19 947	128 367	180 996	308 032	21 125
<b>ANDERSON</b>													
31-33	Manufacturing .....	-	253	97	17 949	622 315	14 598	28 960	445 458	1 666 236	2 264 467	3 936 764	154 149
313	Textile mills .....	-	'24	'20	'4 600	'123 013	'3 903	'7 387	'89 485	'299 580	'404 120	'715 317	'32 285
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
3132	Fabric mills .....	-	16	14	3 435	88 511	2 936	5 411	65 171	203 680	313 876	528 843	D
31321	Broadwoven fabric mills .....	-	12	11	3 300	85 029	2 837	5 222	63 117	196 099	305 125	512 473	D
313210	Broadwoven fabric mills .....	-	12	11	3 300	85 029	2 837	5 222	63 117	196 099	305 125	512 473	D
3133	Textile and fabric finishing and fabric coating mills .....	4	'6	'4	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	4	5	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	4	4	3	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	'9	'5	'914	'22 679	'800	'1 712	'17 116	'59 916	'53 198	'115 381	'3 021
3141	Textile furnishings mills .....	-	4	4	874	21 647	770	1 654	16 438	57 613	51 293	111 353	2 981
31412	Curtain and linen 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	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ANDERSON—Con.</b>													
325	Chemical manufacturing .....	1	11	6	1 607	68 196	1 204	2 445	47 803	167 868	246 773	410 851	10 438
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	—	2	2	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	26	16	h	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	—	22	14	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	—	16	10	1 541	58 031	1 138	2 380	36 192	177 542	227 693	406 820	13 335
326199	All other plastics product manufacturing .....	—	16	10	1 541	58 031	1 138	2 380	36 192	177 542	227 693	406 820	13 335
3262	Rubber product manufacturing ...	—	4	2	g	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	3	55	16	1 036	36 151	788	1 556	24 783	60 937	61 386	121 138	3 338
335	Electrical equipment, appliance, and component manufacturing .....	—	8	5	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	—	1	1	g	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	11	7	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	—	8	7	h	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
336312	Gasoline engine and engine parts manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>BAMBERG</b>													
31-33	Manufacturing .....	1	23	13	1 046	30 109	805	1 578	18 441	82 870	60 109	146 707	6 001
<b>BARNWELL</b>													
31-33	Manufacturing .....	1	24	10	2 715	79 006	2 193	4 555	53 375	230 671	264 506	490 582	16 277
333	Machinery manufacturing .....	1	2	2	g	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
333311	Automatic vending machine manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
<b>BEAUFORT</b>													
31-33	Manufacturing .....	4	96	9	851	28 257	595	1 197	16 580	92 967	85 160	174 260	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BERKELEY</b>													
31-33	Manufacturing .....	-	90	35	6 461	299 431	4 653	9 887	190 890	1 150 795	1 771 793	2 935 102	65 702
321	Wood product manufacturing .....	-	9	5	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	7	7	g	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	4	4	f	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing ....	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	6	4	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	-	3	2	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing ...	-	3	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	19	6	690	31 165	496	1 036	17 791	63 489	74 523	137 743	D
3323	Architectural and structural metals manufacturing .....	-	5	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	6	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33635	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>CALHOUN</b>													
31-33	Manufacturing .....	8	14	7	773	22 406	645	1 238	15 667	64 756	60 548	124 880	D
<b>CHARLESTON</b>													
31-33	Manufacturing .....	-	270	68	10 034	387 072	6 888	13 933	230 452	1 529 048	1 601 646	3 113 448	69 351
322	Paper manufacturing .....	-	4	4	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	16	6	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	6	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	31	7	834	27 013	657	1 073	18 720	62 158	62 618	122 363	D
333	Machinery manufacturing .....	-	12	7	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	24	6	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	3	2	h	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	-	18	4	f	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	-	18	4	f	D	D	D	D	D	D	D	D
336611	Ship building and repairing ..	-	6	3	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	-	24	6	766	24 614	520	1 066	13 542	211 593	108 933	319 499	D
3391	Medical equipment and supplies manufacturing .....	-	14	4	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	-	14	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHEROKEE</b>													
31-33	Manufacturing .....	-	64	36	6 806	223 650	5 803	11 313	177 876	1 220 585	1 120 124	2 338 013	42 360
311	Food manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing ....	-	1	1	g	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills .....	-	14	14	2 076	63 443	1 789	3 791	48 712	185 285	117 855	312 356	16 727
3132	Fabric mills .....	2	6	6	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	4	4	564	19 200	465	1 019	13 648	36 664	25 625	63 398	D
313210	Broadwoven fabric mills .....	-	4	4	564	19 200	465	1 019	13 648	36 664	25 625	63 398	D
3133	Textile and fabric finishing and fabric coating mills .....	-	6	6	979	29 561	800	1 646	20 907	124 598	64 191	197 661	D
31331	Textile and fabric finishing mills .....	-	6	6	979	29 561	800	1 646	20 907	124 598	64 191	197 661	D
313311	Broadwoven fabric finishing mills .....	-	5	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	1	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
336	Transportation equipment manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing ....	-	1	1	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>CHESTER</b>													
31-33	Manufacturing .....	-	53	31	4 320	143 079	3 563	7 243	101 544	561 359	547 300	1 104 682	26 204
313	Textile mills .....	-	7	5	g	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	7	5	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	6	5	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	6	5	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	6	5	819	31 490	648	1 384	22 254	133 540	101 650	235 041	D
3272	Glass and glass product manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
32721	Glass and glass product manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
<b>CHESTERFIELD</b>													
31-33	Manufacturing .....	-	60	29	6 182	202 039	5 166	11 319	148 029	655 144	930 416	1 589 789	43 223
313	Textile mills .....	1	10	10	1 168	34 889	1 001	2 190	25 677	55 308	154 535	210 368	6 307
3132	Fabric mills .....	1	6	6	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	1	4	4	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	1	4	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	14	6	2 252	73 249	1 979	3 711	59 904	258 038	174 775	436 833	12 410
3329	Other fabricated metal product manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing ....	-	1	1	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	1	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
335	Electrical equipment, appliance, and component manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CLARENDON</b>													
31-33	Manufacturing .....	5	18	6	1 236	38 892	1 073	2 141	30 030	85 459	87 198	172 643	9 727
339	Miscellaneous manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>COLLETON</b>													
31-33	Manufacturing .....	-	33	12	1 340	37 545	1 098	2 290	26 656	103 723	73 944	183 199	D
<b>DARLINGTON</b>													
31-33	Manufacturing .....	-	65	30	5 299	205 863	4 399	9 136	157 208	687 324	1 042 403	1 757 133	38 199
313	Textile mills .....	-	3	2	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	2	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	2	1	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	5	5	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	4	4	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	5	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
332	Fabricated metal product manufacturing .....	6	13	5	533	21 180	371	759	13 522	43 703	21 453	64 981	1 124
<b>DILLON</b>													
31-33	Manufacturing .....	-	27	9	2 405	63 020	1 724	3 582	44 749	129 151	195 059	324 716	8 154
311	Food manufacturing .....	-	2	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
<b>DORCHESTER</b>													
31-33	Manufacturing .....	1	91	34	3 444	120 147	2 487	4 881	72 347	357 009	362 784	720 841	44 166
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
327	Nonmetallic mineral product manufacturing .....	-	8	5	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	19	5	521	16 851	404	832	10 731	39 928	31 663	74 605	16 157
<b>EDGEFIELD</b>													
31-33	Manufacturing .....	1	19	12	1 842	51 813	1 514	2 884	36 351	129 574	162 917	294 161	8 507
314	Textile product mills .....	-	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	2	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	2	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>FAIRFIELD</b>													
31-33	Manufacturing .....	-	17	9	1 818	76 187	1 385	2 510	58 695	203 605	587 341	797 896	D
336	Transportation equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>FLORENCE</b>													
31-33	Manufacturing .....	-	128	55	12 379	429 722	9 252	18 267	282 247	1 414 368	2 367 051	3 772 156	103 636
311	Food manufacturing .....	2	13	6	g	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	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
314	Textile product mills .....	-	7	6	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	f	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	8	5	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	3	3	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	5	6	2	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	5	5	2	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	26	10	1 331	46 775	1 009	2 027	32 115	90 757	94 903	185 675	2 365
3323	Architectural and structural metals manufacturing .....	-	9	5	f	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing .....	-	8	4	f	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	4	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
333992	Welding and soldering equipment manufacturing ..	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	6	3	g	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing .....	-	2	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 3. Industry Statistics for Counties: 2002—Con.**

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GEORGETOWN</b>													
31-33	Manufacturing .....	-	64	22	3 026	108 220	2 515	4 700	78 521	406 107	481 728	889 752	33 115
322	Paper manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>GREENVILLE</b>													
31-33	Manufacturing .....	-	607	227	34 557	1 353 457	25 795	51 123	836 955	9 462 724	6 330 802	15 867 739	515 871
311	Food manufacturing .....	4	23	11	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	3	2	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	3	2	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	-	34	23	3 488	112 863	2 815	5 968	77 282	302 851	356 281	662 956	21 674
3132	Fabric mills .....	-	22	15	2 509	83 773	1 996	4 306	56 406	236 356	286 916	528 155	15 293
31321	Broadwoven fabric mills .....	-	8	5	1 449	41 734	1 187	2 506	28 099	108 769	157 708	269 930	D
313210	Broadwoven fabric mills .....	-	8	5	1 449	41 734	1 187	2 506	28 099	108 769	157 708	269 930	D
3133	Textile and fabric finishing and fabric coating mills .....	2	10	7	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	2	10	7	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	3	8	6	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	1	25	6	g	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	-	13	4	g	D	D	D	D	D	D	D	D
31499	All other textile product mills .....	-	9	3	g	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	-	8	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	16	10	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	14	8	1 051	42 053	780	1 256	25 261	200 081	122 611	327 462	D
32222	Paper bag and coated and treated paper manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
322222	Coated and laminated paper manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	4	58	13	979	30 466	697	1 049	17 328	65 181	35 165	100 563	D
3231	Printing and related support activities .....	4	58	13	979	30 466	697	1 049	17 328	65 181	35 165	100 563	D
32311	Printing .....	4	56	13	f	D	D	D	D	D	D	D	D
323110	Commercial lithographic printing .....	4	26	9	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	52	31	3 284	130 487	2 227	3 699	65 540	620 324	733 260	1 356 131	32 351
3254	Pharmaceutical and medicine manufacturing .....	-	5	5	g	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	-	5	5	g	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	-	5	5	g	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing .....	2	16	11	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing .....	2	14	10	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 <sup>2</sup>			All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE—Con.</b>													
326	Plastics and rubber products manufacturing .....	4	29	18	5 225	224 895	4 225	8 457	152 169	926 232	599 261	1 520 070	D
3261	Plastics product manufacturing ..	6	23	15	h	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	7	6	5	h	D	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	—	3	3	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	1	11	6	g	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	1	10	6	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	6	3	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	—	1	1	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	18	8	578	21 678	451	1 038	16 319	91 161	66 259	156 675	D
332	Fabricated metal product manufacturing .....	1	92	27	2 260	87 947	1 630	3 370	49 371	190 247	134 341	325 008	9 101
3327	Machine shops; turned product; and screw, nut, and bolt manufacturing .....	2	44	9	534	19 760	398	746	12 586	56 803	21 481	76 679	2 699
333	Machinery manufacturing .....	—	75	31	6 341	283 398	4 125	8 047	153 009	5 965 315	2 932 211	8 976 509	D
3332	Industrial machinery manufacturing .....	—	24	13	g	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	1	23	12	g	D	D	D	D	D	D	D	D
333292	Textile machinery manufacturing .....	1	19	11	g	D	D	D	D	D	D	D	D
3335	Metalworking machinery manufacturing .....	—	16	4	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing .....	—	16	4	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	5	5	h	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	5	5	h	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing .....	—	3	3	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	16	5	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	—	12	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	14	7	h	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	—	8	5	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	8	5	g	D	D	D	D	D	D	D	D
334411	Electron tube manufacturing ..	—	1	1	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
334414	Electronic capacitor manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	11	6	f	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	—	7	5	611	23 157	446	923	13 893	57 224	40 430	100 145	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GREENVILLE—Con.</b>													
336	Transportation equipment manufacturing .....	3	21	10	2 738	120 718	2 235	4 822	97 549	369 485	439 920	797 308	33 617
3363	Motor vehicle parts manufacturing .....	—	11	6	f	D	D	D	D	D	D	D	D
33637	Motor vehicle metal stamping ..	—	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping .....	—	2	2	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	5	3	2	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	5	3	2	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	3	45	9	g	D	D	D	D	D	D	D	2 873
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	3	32	3	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	—	45	4	519	16 145	342	580	7 652	39 370	44 438	85 169	D
<b>GREENWOOD</b>													
31-33	Manufacturing .....	—	85	34	9 246	331 076	7 424	15 747	254 724	998 856	1 366 337	2 349 279	133 570
311	Food manufacturing .....	—	4	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
311611	Animal (except poultry) slaughtering .....	—	1	1	f	D	D	D	D	D	D	D	D
313	Textile mills .....	3	6	6	1 063	27 375	916	1 940	22 272	53 518	100 474	153 886	D
3132	Fabric mills .....	2	3	3	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
325	Chemical manufacturing .....	—	5	5	3 202	149 535	2 597	5 835	126 101	489 255	838 643	1 314 104	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
3259	Other chemical product and preparation manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	—	2	2	g	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	—	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	8	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	—	1	1	f	D	D	D	D	D	D	D	D
<b>HAMPTON</b>													
31-33	Manufacturing .....	1	20	9	984	27 301	745	1 496	19 845	65 251	99 111	162 193	3 100

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>HORRY</b>													
31-33	Manufacturing .....	2	166	24	4 383	145 286	2 995	5 923	83 562	276 715	301 455	576 689	24 755
332	Fabricated metal product manufacturing .....	4	20	3	655	23 158	468	921	15 969	69 112	34 800	107 163	1 179
3329	Other fabricated metal product manufacturing .....	4	3	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing .....	4	2	2	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
334414	Electronic capacitor manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>KERSHAW</b>													
31-33	Manufacturing .....	-	66	25	4 138	147 384	3 300	7 141	103 981	601 454	537 757	1 152 261	57 064
313	Textile mills .....	-	4	3	705	26 463	631	1 288	21 690	64 223	54 249	124 113	D
3132	Fabric mills .....	-	4	3	705	26 463	631	1 288	21 690	64 223	54 249	124 113	D
325	Chemical manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	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
336	Transportation equipment manufacturing .....	-	6	3	f	D	D	D	D	D	D	D	D
<b>LANCASTER</b>													
31-33	Manufacturing .....	-	64	28	4 677	147 324	3 995	8 330	109 051	659 063	1 073 181	1 735 103	19 481
313	Textile mills .....	-	4	4	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	1	1	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	1	1	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	1	1	g	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	3	3	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
<b>LAURENS</b>													
31-33	Manufacturing .....	-	69	21	4 067	139 498	3 295	6 450	97 925	378 920	458 012	841 443	25 048
332	Fabricated metal product manufacturing .....	-	20	5	1 812	62 443	1 559	3 046	50 110	155 651	148 774	302 919	2 249
3329	Other fabricated metal product manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
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	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>LEXINGTON</b>													
31-33	Manufacturing .....	1	234	66	10 515	349 398	7 823	16 238	222 046	1 043 163	1 336 189	2 401 023	65 026
311	Food manufacturing .....	3	12	7	2 405	48 611	1 993	4 074	34 319	232 776	126 316	359 023	D
3116	Animal slaughtering and processing .....	1	6	5	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	1	6	5	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	—	2	2	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	1	4	3	f	D	D	D	D	D	D	D	D
313	Textile mills .....	8	5	3	f	D	D	D	D	D	D	D	2 254
3132	Fabric mills .....	8	4	3	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	33	7	562	16 639	448	792	11 167	36 439	23 810	60 167	D
3231	Printing and related support activities .....	2	33	7	562	16 639	448	792	11 167	36 439	23 810	60 167	D
32311	Printing .....	2	32	7	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	—	10	4	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	50	17	1 555	49 878	1 038	2 112	29 357	108 469	151 801	261 564	3 146
3323	Architectural and structural metals manufacturing .....	—	23	11	g	D	D	D	D	D	D	D	D
33231	Plate work and fabricated structural product manufacturing .....	—	16	9	g	D	D	D	D	D	D	D	D
332312	Fabricated structural metal manufacturing .....	1	11	7	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	12	5	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	—	8	3	f	D	D	D	D	D	D	D	D
<b>MARION</b>													
31-33	Manufacturing .....	2	29	16	3 048	83 460	2 641	5 616	64 189	201 333	248 673	446 458	7 163
313	Textile mills .....	9	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	9	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	9	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	9	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	—	3	3	f	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 .....	—	1	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>MARLBORO</b>													
31-33	Manufacturing .....	—	31	19	3 532	102 745	2 919	6 232	72 815	421 550	397 130	822 853	33 815
313	Textile mills .....	—	3	3	g	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
3133	Textile and fabric finishing and fabric coating mills .....	1	2	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	1	2	2	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	2	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>MARLBORO—Con.</b>													
333	Machinery manufacturing .....	-	6	3	691	19 474	502	1 128	10 660	72 119	37 454	108 604	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
333414	Heating equipment (except warm air furnaces) manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>NEWBERRY</b>													
31-33	Manufacturing .....	1	46	27	4 355	132 360	3 739	7 498	100 474	262 757	398 208	658 343	15 408
311	Food manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	3	3	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	3	3	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	2	2	g	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	-	1	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
321	Wood product manufacturing .....	2	13	9	821	29 059	698	1 510	22 663	70 338	122 225	192 629	3 189
<b>OCONEE</b>													
31-33	Manufacturing .....	-	92	33	5 901	199 956	4 504	9 013	134 394	699 502	529 677	1 244 950	29 088
332	Fabricated metal product manufacturing .....	-	20	4	527	15 971	455	797	12 562	61 312	23 946	84 938	737
334	Computer and electronic product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	-	1	1	f	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
339	Miscellaneous manufacturing .....	-	8	2	991	28 739	850	1 742	20 015	76 035	39 307	116 445	D
3399	Other miscellaneous manufacturing .....	-	4	1	f	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ORANGEBURG</b>													
31-33	Manufacturing .....	-	89	39	7 954	297 833	5 954	11 825	185 586	781 738	1 186 082	1 935 859	218 681
311	Food manufacturing .....	-	8	2	623	23 101	243	523	7 404	74 440	56 832	131 437	2 717
3118	Bakeries and tortilla manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	1	1	f	D	D	D	D	D	D	D	D
321	Wood product manufacturing .....	-	17	11	766	22 172	623	1 249	15 199	45 508	97 003	145 778	3 253
332	Fabricated metal product manufacturing .....	-	11	4	898	31 805	663	1 409	20 411	58 527	85 551	144 491	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
333	Machinery manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	3	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
33634	Motor vehicle brake system manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>PICKENS</b>													
31-33	Manufacturing .....	1	131	55	8 491	253 000	7 175	13 303	186 925	585 352	948 664	1 538 529	39 335
313	Textile mills .....	-	18	16	3 063	79 877	2 830	5 252	69 134	201 336	290 409	487 697	D
3132	Fabric mills .....	-	12	11	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	7	7	1 960	51 492	1 872	3 398	47 296	106 285	94 366	197 012	D
313210	Broadwoven fabric mills .....	-	7	7	1 960	51 492	1 872	3 398	47 296	106 285	94 366	197 012	D
3133	Textile and fabric finishing and fabric coating mills .....	-	4	3	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	3	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	3	3	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	2	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	2	1	f	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
332	Fabricated metal product manufacturing .....	1	33	10	1 126	35 432	907	1 626	23 282	81 003	88 877	169 728	5 140
3329	Other fabricated metal product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing ....	-	2	2	f	D	D	D	D	D	D	D	D
332912	Fluid power valve and hose fitting manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	2	19	10	1 361	47 227	1 032	1 936	30 670	61 243	151 217	208 553	D
3335	Metalworking machinery manufacturing .....	-	7	4	f	D	D	D	D	D	D	D	D
33351	Metalworking machinery manufacturing .....	-	7	4	f	D	D	D	D	D	D	D	D
333515	Cutting tool and machine tool accessory manufacturing...	-	3	2	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	3	6	4	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	5	4	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E1	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>RICHLAND</b>													
31-33	Manufacturing .....	1	248	88	13 540	531 497	9 216	18 185	324 807	2 408 782	2 396 216	4 780 253	253 512
311	Food manufacturing .....	3	16	4	f	D	D	D	D	D	D	D	8 403
313	Textile mills .....	7	6	2	507	13 646	458	914	11 434	23 651	47 083	68 993	D
3132	Fabric mills .....	7	5	2	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	7	5	2	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	7	5	2	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	9	5	1 399	69 350	1 117	2 085	50 142	365 270	274 189	623 824	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	f	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	8	4	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	2	40	9	670	26 078	443	923	14 606	45 479	29 672	73 902	D
3231	Printing and related support activities .....	2	40	9	670	26 078	443	923	14 606	45 479	29 672	73 902	D
32311	Printing .....	2	36	7	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	15	9	h	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	5	3	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ....	-	3	2	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	2	4	3	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	8	3	2	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	8	3	2	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	1	19	7	684	23 193	518	1 061	17 494	64 795	30 844	97 741	2 274
332	Fabricated metal product manufacturing .....	-	37	18	1 677	59 240	963	1 982	32 441	217 179	290 250	501 728	15 186
333	Machinery manufacturing .....	1	15	5	648	29 676	419	999	15 398	42 204	44 260	82 573	D
334	Computer and electronic product manufacturing .....	-	6	2	g	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	3	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
335313	Switchgear and switchboard apparatus manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	7	9	4	f	D	D	D	D	D	D	D	D
<b>SALUDA</b>													
31-33	Manufacturing .....	-	8	4	549	13 154	310	523	6 630	49 272	36 467	85 456	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG</b>													
31-33	Manufacturing .....	-	521	188	30 964	1 144 931	23 060	44 104	750 020	3 581 177	6 253 391	9 831 728	412 031
311	Food manufacturing .....	1	19	5	f	D	D	D	D	D	D	D	13 502
313	Textile mills .....	2	41	26	4 126	124 416	3 391	6 841	83 047	355 022	439 338	769 909	20 786
3131	Fiber, yarn, and thread mills .....	6	6	4	540	14 231	461	870	10 467	14 628	148 640	145 561	2 013
31311	Fiber, yarn, and thread mills ...	6	6	4	540	14 231	461	870	10 467	14 628	148 640	145 561	2 013
3132	Fabric mills .....	1	26	18	2 791	85 611	2 272	4 630	56 123	201 540	219 128	412 185	D
31321	Broadwoven fabric mills .....	-	12	7	1 033	28 729	897	1 788	21 658	65 783	102 181	165 658	4 372
313210	Broadwoven fabric mills .....	-	12	7	1 033	28 729	897	1 788	21 658	65 783	102 181	165 658	4 372
31322	Narrow fabric mills and schiffli machine embroidery .....	8	6	6	f	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	-	7	5	1 227	44 432	931	1 950	25 363	109 636	96 709	200 578	11 060
313230	Nonwoven fabric mills .....	-	7	5	1 227	44 432	931	1 950	25 363	109 636	96 709	200 578	11 060
3133	Textile and fabric finishing and fabric coating mills .....	-	9	4	795	24 574	658	1 341	16 457	138 854	71 570	212 163	D
31331	Textile and fabric finishing mills .....	-	6	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	6	3	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	2	25	11	1 891	54 278	1 669	3 448	43 073	184 406	253 382	437 992	7 388
3141	Textile furnishings mills .....	2	10	5	1 368	37 029	1 242	2 607	30 801	156 332	173 393	329 676	D
31411	Carpet and rug mills .....	7	4	2	f	D	D	D	D	D	D	D	D
314110	Carpet and rug mills .....	7	4	2	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	6	3	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	6	3	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	-	15	6	523	17 249	427	841	12 272	28 074	79 989	108 316	D
322	Paper manufacturing .....	-	18	12	g	D	D	D	D	D	D	D	13 160
3222	Converted paper product manufacturing .....	-	18	12	g	D	D	D	D	D	D	D	13 160
32221	Paperboard container manufacturing .....	-	13	10	735	26 834	573	1 233	17 464	75 444	107 052	180 771	11 000
322211	Corrugated and solid fiber box manufacturing .....	-	10	8	652	24 816	507	1 098	16 229	69 819	99 461	167 500	D
32222	Paper bag and coated and treated paper manufacturing ..	-	3	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	-	33	7	g	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	-	33	7	g	D	D	D	D	D	D	D	D
32311	Printing .....	-	29	5	f	D	D	D	D	D	D	D	D
323111	Commercial gravure printing ..	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	37	19	1 908	89 179	1 242	2 688	47 357	453 947	686 878	1 135 685	38 080
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	2	36	22	2 993	117 600	2 435	4 774	86 867	310 201	339 426	650 008	39 601
3261	Plastics product manufacturing ..	3	32	20	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	19	12	1 291	44 534	982	1 960	27 561	115 323	83 153	197 964	22 216
326199	All other plastics product manufacturing .....	2	17	11	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	4	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	-	2	2	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	1	20	9	g	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing .....	1	3	3	g	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing .....	1	3	3	g	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg .....	-	1	1	f	D	D	D	D	D	D	D	D
3273	Cement and concrete product manufacturing .....	-	13	5	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	8	4	552	19 889	433	817	14 462	41 816	36 309	79 142	5 130

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG—Con.</b>													
332	Fabricated metal product manufacturing .....	-	97	18	2 050	79 717	1 565	2 987	52 770	162 941	138 877	305 335	9 622
3329	Other fabricated metal product manufacturing .....	-	4	3	932	36 629	729	1 346	25 896	72 865	63 348	138 778	D
33299	All other fabricated metal product manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	55	19	2 574	77 234	1 343	2 393	41 454	200 578	169 958	366 596	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	-	3	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
3339	Other general purpose machinery manufacturing .....	-	9	3	1 084	24 319	249	398	7 820	44 406	59 780	100 802	1 104
33399	All other general purpose machinery manufacturing ....	-	6	2	f	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	9	4	g	D	D	D	D	D	D	D	D
3359	Other electrical equipment and component manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33592	Communication and energy wire and cable manufacturing .	-	1	1	f	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	28	14	i	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
336111	Automobile manufacturing...	-	1	1	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	17	12	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	-	4	3	607	17 009	521	1 040	13 039	52 069	48 639	97 944	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	-	4	3	607	17 009	521	1 040	13 039	52 069	48 639	97 944	D
33637	Motor vehicle metal stamping ..	-	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>SUMTER</b>													
31-33	Manufacturing .....	-	77	37	10 353	323 890	8 897	17 746	248 775	989 934	802 770	1 775 964	52 331
311	Food manufacturing .....	-	5	3	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
313	Textile mills .....	-	4	3	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	3	3	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	3	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	2	2	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	22	8	1 269	43 157	1 039	2 088	33 211	149 687	48 159	200 397	6 949
3322	Cutlery and handtool manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
332212	Hand and edge tool 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 <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SUMTER—Con.</b>													
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	5	3	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	4	3	g	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
337	Furniture and related product manufacturing .....	-	9	5	1 117	23 766	1 022	2 088	19 189	57 843	37 731	84 713	2 094
3371	Household and institutional furniture and kitchen cabinet manufacturing .....	-	7	5	g	D	D	D	D	D	D	D	D
33712	Household and institutional furniture manufacturing .....	-	4	3	994	20 295	925	1 903	16 836	50 928	33 058	73 124	1 907
337122	Nonupholstered wood household furniture manufacturing .....	-	4	3	994	20 295	925	1 903	16 836	50 928	33 058	73 124	1 907
339	Miscellaneous manufacturing .....	-	5	1	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
<b>UNION</b>													
31-33	Manufacturing .....	1	35	19	3 533	103 188	2 886	5 572	70 752	232 066	230 961	470 360	16 964
313	Textile mills .....	3	8	8	1 625	45 146	1 350	2 691	32 887	85 429	121 527	210 616	9 196
3133	Textile and fabric finishing and fabric coating mills .....	8	3	3	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	8	3	3	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	9	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	3	2	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	-	2	1	f	D	D	D	D	D	D	D	D
31499	All other textile product mills ..	-	2	1	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	9	3	542	19 577	457	909	14 556	49 224	34 946	83 464	D
<b>WILLIAMSBURG</b>													
31-33	Manufacturing .....	-	25	11	1 518	42 434	1 274	2 576	30 842	224 551	98 329	321 437	14 959
326	Plastics and rubber products manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	3	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>YORK</b>													
31-33	Manufacturing .....	2	230	85	10 673	418 405	7 693	15 360	254 982	1 163 203	1 191 180	2 357 890	81 341
313	Textile mills .....	2	15	8	954	22 241	878	1 762	18 805	38 272	36 428	75 472	1 258
322	Paper manufacturing .....	—	9	5	1 413	93 898	939	2 004	59 922	265 931	199 398	462 798	D
3221	Pulp, paper, and paperboard mills .....	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	5	23	10	1 748	68 925	988	1 953	30 907	308 546	384 932	704 569	17 673
3254	Pharmaceutical and medicine manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	45	14	1 240	44 193	943	1 741	28 690	126 772	82 775	206 974	21 370
3329	Other fabricated metal product manufacturing .....	—	5	3	547	19 338	440	767	13 755	55 283	25 293	79 904	D
333	Machinery manufacturing .....	—	28	13	863	36 121	559	1 129	17 898	49 023	102 817	149 273	1 650
334	Computer and electronic product manufacturing .....	2	10	4	1 193	45 468	905	1 843	29 566	139 812	56 533	195 623	3 595
3346	Manufacturing and reproducing magnetic and optical media.....	5	2	2	f	D	D	D	D	D	D	D	D
33461	Manufacturing and reproducing magnetic and optical media.....	5	2	2	f	D	D	D	D	D	D	D	D
334612	Prerecorded compact disc (except software), tape, and record reproducing .....	5	2	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing.....	—	12	5	620	20 493	469	922	12 551	38 795	51 909	88 932	D
336	Transportation equipment manufacturing .....	1	5	3	615	20 142	524	1 040	15 078	37 757	54 196	92 334	6 559
3363	Motor vehicle parts manufacturing .....	1	4	3	f	D	D	D	D	D	D	D	D

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

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

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

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

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

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>ABBEVILLE</b>													
31-33	Manufacturing .....	-	13	8	1 513	49 644	1 297	2 524	39 223	122 848	198 703	315 449	9 030
313	Textile mills .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>AIKEN</b>													
31-33	Manufacturing .....	7	28	10	g	D	D	D	D	D	D	D	D
<b>ANDERSON</b>													
31-33	Manufacturing .....	-	59	23	5 838	192 495	4 943	9 807	149 635	497 922	751 531	1 260 321	38 953
313	Textile mills .....	1	4	4	1 335	34 463	1 165	2 135	26 294	105 262	117 708	230 124	D
3132	Fabric mills .....	-	3	3	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	2	2	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	9	5	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	7	5	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	3	3	604	23 035	352	711	9 823	56 618	36 911	93 877	D
326199	All other plastics product manufacturing .....	-	3	3	604	23 035	352	711	9 823	56 618	36 911	93 877	D
335	Electrical equipment, appliance, and component manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing.	-	1	1	g	D	D	D	D	D	D	D	D
335222	Household refrigerator and home freezer manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	4	3	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
<b>BARNWELL</b>													
31-33	Manufacturing .....	-	11	4	994	27 420	828	1 634	19 961	92 564	66 248	161 321	D
<b>BATESBURG-LEESVILLE</b>													
31-33	Manufacturing .....	1	13	5	1 828	39 158	1 606	3 185	29 705	73 345	41 885	118 654	2 926
311	Food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	1	1	g	D	D	D	D	D	D	D	D
311611	Animal (except poultry) slaughtering .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>BELTON</b>													
31-33	Manufacturing .....	-	8	5	838	23 766	703	1 465	17 699	47 068	60 415	101 250	6 480
<b>BENNETTSVILLE</b>													
31-33	Manufacturing .....	-	16	9	2 316	66 326	1 924	4 072	46 372	301 444	230 778	538 768	22 370
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
313112	Yarn texturizing, throwing, and twisting mills .....	-	1	1	f	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
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
333414	Heating equipment (except warm air furnaces) manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>CAYCE</b>													
31-33	Manufacturing .....	-	15	5	922	34 909	533	1 206	17 912	99 986	139 187	240 069	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>CHARLESTON</b>													
31-33	Manufacturing .....	1	69	13	1 441	50 942	1 017	2 113	32 378	164 014	166 198	324 935	9 598
336	Transportation equipment manufacturing .....	-	7	2	f	D	D	D	D	D	D	D	D
3366	Ship and boat building .....	-	6	2	f	D	D	D	D	D	D	D	D
33661	Ship and boat building .....	-	6	2	f	D	D	D	D	D	D	D	D
<b>CHERAW</b>													
31-33	Manufacturing .....	-	16	9	1 927	67 449	1 628	4 555	49 448	218 908	564 393	782 819	17 262
313	Textile mills .....	-	3	3	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	5 660
<b>CHESTER</b>													
31-33	Manufacturing .....	-	16	9	1 180	34 640	1 038	2 090	27 381	133 634	127 991	260 570	D
313	Textile mills .....	-	3	2	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	2	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>CLEMSON</b>													
31-33	Manufacturing .....	-	8	3	709	22 853	581	1 092	16 604	44 407	59 311	104 799	607
<b>CLINTON</b>													
31-33	Manufacturing .....	-	13	5	616	19 138	491	933	12 347	58 803	28 586	89 517	4 141
<b>CLOVER</b>													
31-33	Manufacturing .....	4	19	6	637	17 584	537	1 044	11 964	35 169	29 291	66 001	1 248
<b>COLUMBIA</b>													
31-33	Manufacturing .....	2	102	28	5 471	216 943	3 804	7 396	134 054	695 244	1 161 604	1 858 070	D
325	Chemical manufacturing .....	1	7	5	2 530	113 957	1 687	3 178	68 764	391 121	831 498	1 220 499	69 096
3251	Basic chemical manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	2	3	3	g	D	D	D	D	D	D	D	D
32521	Resin and synthetic rubber manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing .....	8	2	2	f	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	8	2	2	f	D	D	D	D	D	D	D	D
<b>CONWAY</b>													
31-33	Manufacturing .....	-	18	4	765	23 366	668	1 324	18 980	73 151	64 329	138 020	D
<b>DARLINGTON</b>													
31-33	Manufacturing .....	-	10	7	g	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
322215	Nonfolding sanitary food container manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>DUNCAN</b>													
31-33	Manufacturing .....	-	13	7	g	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
33592	Communication and energy wire and cable manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335921	Fiber optic cable manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>EASLEY</b>													
31-33	Manufacturing .....	5	32	13	1 523	50 868	1 170	2 206	32 932	145 220	132 889	278 165	5 681
332	Fabricated metal product manufacturing .....	2	12	4	582	15 656	495	820	11 004	39 658	55 575	95 374	527
<b>FLORENCE</b>													
31-33	Manufacturing .....	1	33	16	h	D	D	D	D	D	D	D	D
311	Food manufacturing .....	3	5	3	751	23 759	329	480	9 277	68 202	55 976	124 253	D
3118	Bakeries and tortilla manufacturing .....	—	2	1	f	D	D	D	D	D	D	D	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
326	Plastics and rubber products manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	5	2	2	g	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and unlaminated film and sheet manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
326113	Unlaminated plastics film and sheet (except packaging) manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	—	1	1	f	D	D	D	D	D	D	D	D
333992	Welding and soldering equipment manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
<b>FORT MILL</b>													
31-33	Manufacturing .....	8	25	6	1 481	42 458	1 007	2 008	24 995	198 499	217 007	423 803	2 624
325	Chemical manufacturing .....	9	2	1	f	D	D	D	D	D	D	D	D
3254	Pharmaceutical and medicine manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
32541	Pharmaceutical and medicine manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
325412	Pharmaceutical preparation manufacturing .....	9	1	1	f	D	D	D	D	D	D	D	D
<b>FOUNTAIN INN</b>													
31-33	Manufacturing .....	1	24	15	1 760	55 042	1 422	2 915	38 582	180 473	190 811	375 367	8 791
325	Chemical manufacturing .....	—	6	4	520	19 970	381	815	11 643	74 042	90 234	164 296	D
<b>GAFFNEY</b>													
31-33	Manufacturing .....	—	16	10	2 124	82 726	1 802	3 826	66 127	159 371	250 202	405 681	10 187
313	Textile mills .....	1	4	4	f	D	D	D	D	D	D	D	D
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
332991	Ball and roller bearing manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>GEORGETOWN</b>													
31-33	Manufacturing .....	—	20	5	1 711	64 888	1 447	2 573	48 477	303 838	357 051	663 267	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
32212	Paper mills .....	—	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	—	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>GOOSE CREEK</b>													
31-33	Manufacturing .....	-	12	6	1 513	82 086	826	1 809	35 046	228 276	161 904	393 559	D
325	Chemical manufacturing .....	1	2	2	f	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	1	2	2	f	D	D	D	D	D	D	D	D
32513	Synthetic dye and pigment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325132	Synthetic organic dye and pigment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>GREENVILLE</b>													
31-33	Manufacturing .....	1	115	47	5 321	175 929	4 030	7 302	103 766	402 543	456 303	863 142	19 655
311	Food manufacturing .....	-	9	5	949	17 659	785	1 374	13 303	49 235	74 386	122 587	735
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
313	Textile mills .....	1	8	6	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	8	6	719	33 790	434	788	14 622	101 224	169 575	274 260	6 004
334	Computer and electronic product manufacturing .....	-	4	1	f	D	D	D	D	D	D	D	14
3344	Semiconductor and other electronic component manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
334412	Bare printed circuit board manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>GREENWOOD</b>													
31-33	Manufacturing .....	-	30	14	3 445	115 178	2 600	5 385	78 142	332 121	304 989	639 734	21 551
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
311611	Animal (except poultry) slaughtering .....	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3259	Other chemical product and preparation manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
325998	All other miscellaneous chemical product and preparation manufacturing .	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing ...	-	1	1	f	D	D	D	D	D	D	D	D
<b>GREER</b>													
31-33	Manufacturing .....	-	49	16	i	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	2	2	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
336111	Automobile manufacturing ...	-	1	1	h	D	D	D	D	D	D	D	D
<b>HARTSVILLE</b>													
31-33	Manufacturing .....	-	11	5	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>HONEA PATH</b>													
31-33	Manufacturing .....	4	8	6	f	D	D	D	D	D	D	D	D

See footnotes at end of table.



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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>LAKE CITY</b>													
31-33	Manufacturing .....	-	8	3	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>LANCASTER</b>													
31-33	Manufacturing .....	-	15	7	g	D	D	D	D	D	D	D	6 695
314	Textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
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
<b>LYMAN</b>													
31-33	Manufacturing .....	-	11	6	g	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>MANNING</b>													
31-33	Manufacturing .....	9	14	5	f	D	D	D	D	D	D	D	D
<b>MARION</b>													
31-33	Manufacturing .....	5	12	6	1 447	44 724	1 260	2 791	36 202	76 513	144 031	219 531	4 677
313	Textile mills .....	9	1	1	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	9	1	1	f	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	9	1	1	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	9	1	1	f	D	D	D	D	D	D	D	D
315	Apparel manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
<b>MAULDIN</b>													
31-33	Manufacturing .....	3	29	10	1 245	48 535	869	1 766	25 482	158 405	161 910	328 395	35 935
<b>MYRTLE BEACH</b>													
31-33	Manufacturing .....	1	51	6	2 243	81 344	1 339	2 674	40 202	108 847	99 670	205 223	D
334	Computer and electronic product manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
3344	Semiconductor and other electronic component manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
334414	Electronic capacitor manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>NEWBERRY</b>													
31-33	Manufacturing .....	-	17	7	1 816	53 485	1 511	3 091	36 947	86 745	150 176	232 074	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 .....	-	2	2	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>NORTH CHARLESTON</b>													
31-33	Manufacturing .....	-	121	44	7 735	308 288	5 220	10 572	179 294	1 293 426	1 380 213	2 662 041	57 130
322	Paper manufacturing .....	-	4	4	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
32213	Paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
322130	Paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	18	5	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	11	2	h	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	3	2	h	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	-	9	4	f	D	D	D	D	D	D	D	D
3391	Medical equipment and supplies manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
33911	Medical equipment and supplies manufacturing .....	-	6	4	f	D	D	D	D	D	D	D	D
<b>ORANGEBURG</b>													
31-33	Manufacturing .....	-	35	17	5 793	227 902	4 223	8 657	136 932	598 774	900 497	1 460 604	66 851
311	Food manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3118	Bakeries and tortilla manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
31181	Bread and bakery product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
311812	Commercial bakeries .....	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	6	3	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
333	Machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3331	Agriculture, construction, and mining machinery manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
33311	Agricultural implement manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
333112	Lawn and garden tractor and home lawn and garden equipment manufacturing ..	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>PAGELAND</b>													
31-33	Manufacturing .....	1	11	8	1 537	42 813	1 279	2 652	31 222	105 560	123 570	235 802	2 764
332	Fabricated metal product manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3329	Other fabricated metal product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33291	Metal valve manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
332911	Industrial valve manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>PENDLETON</b>													
31-33	Manufacturing .....	-	8	4	f	D	D	D	D	D	D	D	D
<b>ROCK HILL</b>													
31-33	Manufacturing .....	1	59	26	2 419	102 213	1 474	2 902	48 204	262 940	389 535	650 562	28 921
325	Chemical manufacturing .....	1	7	5	691	36 289	345	684	13 077	124 565	134 156	260 894	13 726
<b>SENECA</b>													
31-33	Manufacturing .....	-	18	5	558	19 732	397	817	14 770	100 413	94 359	222 882	1 974

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>SPARTANBURG</b>													
31-33	Manufacturing .....	-	52	16	3 010	119 501	2 281	4 486	80 706	359 774	461 845	812 801	D
325	Chemical manufacturing .....	-	4	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
32521	Resin and synthetic rubber manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
325211	Plastics material and resin manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
3271	Clay product and refractory manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
32711	Pottery, ceramics, and plumbing fixture manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
327111	Vitreous china and earthenware plumbing fixture and accessories mfg .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>SUMMERVILLE</b>													
31-33	Manufacturing .....	1	35	10	1 204	39 869	926	1 729	24 243	78 218	102 010	175 738	3 431
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
<b>SUMTER</b>													
31-33	Manufacturing .....	-	38	17	5 401	169 720	4 598	9 307	126 400	578 293	423 470	989 118	27 765
313	Textile mills .....	-	3	2	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	2	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	2	2	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	6	4	799	26 466	675	1 315	20 906	75 415	20 795	97 040	D
3322	Cutlery and handtool manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33221	Cutlery and handtool manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
332212	Hand and edge tool manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33634	Motor vehicle brake system manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336340	Motor vehicle brake system manufacturing .....	-	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 .....	-	4	3	994	20 295	925	1 903	16 836	50 928	33 058	73 124	1 907
33712	Household and institutional furniture manufacturing .....	-	4	3	994	20 295	925	1 903	16 836	50 928	33 058	73 124	1 907
337122	Nonupholstered wood household furniture manufacturing .....	-	4	3	994	20 295	925	1 903	16 836	50 928	33 058	73 124	1 907
339	Miscellaneous manufacturing .....	-	5	1	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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>TRAVELERS REST</b>													
31-33	Manufacturing .....	1	19	9	902	29 343	693	1 256	18 305	66 547	72 769	140 448	3 569
<b>UNION</b>													
31-33	Manufacturing .....	1	10	6	583	16 497	455	816	10 612	44 407	70 502	118 460	D
<b>WALHALLA</b>													
31-33	Manufacturing .....	—	8	4	831	21 050	749	1 356	16 686	70 948	45 856	116 628	659
<b>WALTERBORO</b>													
31-33	Manufacturing .....	1	18	6	f	D	D	D	D	D	D	D	7 991
<b>WEST COLUMBIA</b>													
31-33	Manufacturing .....	1	34	11	1 660	52 249	1 181	2 324	25 797	104 438	434 048	537 921	6 077
<b>WESTMINSTER</b>													
31-33	Manufacturing .....	—	8	4	845	27 277	717	1 496	19 016	42 221	54 320	105 379	3 252
339	Miscellaneous manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
33992	Sporting and athletic goods manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
339920	Sporting and athletic goods manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
<b>WILLIAMSTON</b>													
31-33	Manufacturing .....	—	8	3	805	21 476	703	1 344	16 099	33 998	57 199	92 560	D
313	Textile mills .....	—	2	2	f	D	D	D	D	D	D	D	D
<b>WILLISTON</b>													
31-33	Manufacturing .....	—	6	4	g	D	D	D	D	D	D	D	D
333	Machinery manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
3333	Commercial and service industry machinery manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
33331	Commercial and service industry machinery manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
333311	Automatic vending machine manufacturing .....	—	1	1	g	D	D	D	D	D	D	D	D
<b>WINNSBORO</b>													
31-33	Manufacturing .....	3	8	3	504	11 763	335	648	8 061	40 941	27 827	68 565	D
<b>YORK</b>													
31-33	Manufacturing .....	2	17	8	1 001	32 342	853	1 704	24 452	61 467	84 098	146 558	4 432
336	Transportation equipment manufacturing .....	1	2	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	1	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF ABBEVILLE COUNTY</b>													
31-33	Manufacturing .....	—	22	9	1 723	45 786	1 460	2 987	34 119	94 932	123 703	225 953	6 301
313	Textile mills .....	—	4	3	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

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF AIKEN COUNTY</b>													
31-33	Manufacturing .....	-	66	29	16 533	936 767	8 879	18 927	374 117	1 940 390	1 259 323	3 249 003	132 212
313	Textile mills .....	-	10	8	g	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 .....	-	2	2	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	2	2	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	6	4	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	6	4	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	4	3	g	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	-	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	-	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	g	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	2	2	i	D	D	D	D	D	D	D	D
3251	Basic chemical manufacturing ...	-	1	1	i	D	D	D	D	D	D	D	D
32518	Other basic inorganic chemical manufacturing .....	-	1	1	i	D	D	D	D	D	D	D	D
325188	All other basic inorganic chemical manufacturing ....	-	1	1	i	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	5	4	g	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	2	1	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	-	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	2	9	3	521	12 925	424	859	8 367	65 917	47 818	115 340	3 286
336	Transportation equipment manufacturing .....	-	5	4	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF ANDERSON COUNTY</b>													
31-33	Manufacturing .....	-	162	56	9 351	348 449	7 315	14 503	236 596	967 562	1 284 501	2 253 601	79 145
313	Textile mills .....	-	12	9	1 491	138 445	1 217	2 233	26 293	74 367	144 121	223 473	3 492
3132	Fabric mills .....	-	7	6	g	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	-	5	4	1 238	31 202	1 013	1 824	21 346	58 923	117 417	181 217	3 092
313210	Broadwoven fabric mills .....	-	5	4	1 238	31 202	1 013	1 824	21 346	58 923	117 417	181 217	3 092
314	Textile product mills .....	-	6	3	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	1	7	5	1 575	66 943	1 181	2 428	47 102	164 853	244 775	405 838	10 304
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing ..	-	2	2	g	D	D	D	D	D	D	D	D
325222	Noncellulosic organic fiber manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	15	10	1 875	77 205	1 548	3 171	59 735	281 476	475 055	758 141	32 390
3261	Plastics product manufacturing ...	-	13	8	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	11	6	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	-	11	6	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	-	2	2	g	D	D	D	D	D	D	D	D
32629	Other rubber product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
326299	All other rubber product manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	41	12	667	20 612	489	913	12 653	39 219	38 027	75 949	2 000

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF ANDERSON COUNTY—Con.</b>													
336	Transportation equipment manufacturing .....	-	7	4	g	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	4	4	g	D	D	D	D	D	D	D	D
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
33635	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF BEAUFORT COUNTY</b>													
31-33	Manufacturing .....	5	41	7	546	18 339	372	744	10 559	68 297	54 529	118 960	3 374
<b>BALANCE OF BERKELEY COUNTY</b>													
31-33	Manufacturing .....	-	60	22	4 553	203 782	3 558	7 523	147 720	887 143	1 578 623	2 476 839	51 530
321	Wood product manufacturing .....	-	8	4	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	-	5	4	g	D	D	D	D	D	D	D	D
3311	Iron and steel mills and ferroalloy manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33111	Iron and steel mills and ferroalloy manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
331111	Iron and steel mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3313	Alumina and aluminum production and processing .....	-	2	2	f	D	D	D	D	D	D	D	D
33131	Alumina and aluminum production and processing .....	-	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	4	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
33635	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336350	Motor vehicle transmission and power train parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF CALHOUN COUNTY</b>													
31-33	Manufacturing .....	8	14	7	773	22 406	645	1 238	15 667	64 756	60 548	124 880	D
<b>BALANCE OF CHARLESTON COUNTY</b>													
31-33	Manufacturing .....	3	59	7	568	19 162	433	813	13 226	50 672	29 154	79 775	2 055
<b>BALANCE OF CHEROKEE COUNTY</b>													
31-33	Manufacturing .....	-	48	26	4 682	140 924	4 001	7 487	111 749	1 061 214	869 922	1 932 332	32 173
311	Food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3114	Fruit and vegetable preserving and specialty food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
31141	Frozen food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
311412	Frozen specialty food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
313	Textile mills .....	-	10	10	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	4	4	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	4	4	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	3	3	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF CHESTER COUNTY</b>													
31-33	Manufacturing .....	-	37	22	3 140	108 439	2 525	5 153	74 163	427 725	419 309	844 112	D
313	Textile mills .....	-	4	3	f	D	D	D	D	D	D	D	D
3132	Fabric mills .....	-	4	3	f	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
327	Nonmetallic mineral product manufacturing .....	-	4	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF CHESTERFIELD COUNTY</b>													
31-33	Manufacturing .....	-	33	12	2 718	91 777	2 259	4 112	67 359	330 676	242 453	571 168	23 197
332	Fabricated metal product manufacturing .....	-	8	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
332991	Ball and roller bearing manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3352	Household appliance manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33522	Major appliance manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335228	Other major household appliance manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF CLARENDON COUNTY</b>													
31-33	Manufacturing .....	-	4	1	f	D	D	D	D	D	D	D	D
339	Miscellaneous manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
3399	Other miscellaneous manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33999	All other miscellaneous manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
339991	Gasket, packing, and sealing device manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF COLLETON COUNTY</b>													
31-33	Manufacturing .....	-	15	6	f	D	D	D	D	D	D	D	D
<b>BALANCE OF DARLINGTON COUNTY</b>													
31-33	Manufacturing .....	-	44	18	3 242	128 975	2 574	5 342	95 180	429 378	742 737	1 199 849	26 301
313	Textile mills .....	-	2	1	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	2	1	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	2	1	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	-	4	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
332	Fabricated metal product manufacturing .....	6	12	5	f	D	D	D	D	D	D	D	D
<b>BALANCE OF DILLON COUNTY</b>													
31-33	Manufacturing .....	-	20	8	g	D	D	D	D	D	D	D	D
311	Food manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF DORCHESTER COUNTY</b>													
31-33	Manufacturing .....	-	56	24	2 239	80 262	1 561	3 151	48 117	278 863	261 018	545 419	D
<b>BALANCE OF EDGEFIELD COUNTY</b>													
31-33	Manufacturing .....	2	16	10	g	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	2	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	2	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	2	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF FAIRFIELD COUNTY</b>													
31-33	Manufacturing .....	-	9	6	1 314	64 424	1 050	1 862	50 634	162 664	559 514	729 331	D
336	Transportation equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3361	Motor vehicle manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33612	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336120	Heavy duty truck manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF FLORENCE COUNTY</b>													
31-33	Manufacturing .....	-	87	36	6 806	227 478	5 515	11 131	159 161	847 342	1 249 428	2 097 522	46 829
314	Textile product mills .....	-	7	6	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 .....	-	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 .....	-	5	4	1 258	54 693	783	1 774	24 341	175 049	198 368	373 861	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
32522	Artificial and synthetic fibers and filaments manufacturing .....	-	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
332	Fabricated metal product manufacturing .....	-	21	8	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	6	3	g	D	D	D	D	D	D	D	D
3369	Other transportation equipment manufacturing .....	-	2	1	g	D	D	D	D	D	D	D	D
33699	Other transportation equipment manufacturing .....	-	2	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
<b>BALANCE OF GEORGETOWN COUNTY</b>													
31-33	Manufacturing .....	-	27	8	f	D	D	D	D	D	D	D	4 797
<b>BALANCE OF GREENVILLE COUNTY</b>													
31-33	Manufacturing .....	-	377	134	24 395	1 010 891	18 150	36 747	634 433	8 578 743	5 364 609	13 999 079	437 933
313	Textile mills .....	-	22	15	2 074	69 104	1 607	3 529	45 339	168 565	224 532	394 907	11 995
3132	Fabric mills .....	-	15	11	1 743	58 795	1 347	2 946	38 385	140 473	203 565	346 085	10 837
31321	Broadwoven fabric mills .....	-	6	4	g	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	-	6	4	g	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	12	2	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	-	8	2	f	D	D	D	D	D	D	D	D
31499	All other textile product mills .....	-	5	1	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	-	5	1	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	-	14	8	1 135	48 618	856	1 439	31 116	226 612	133 862	365 421	11 982
3222	Converted paper product manufacturing .....	-	12	6	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
322222	Coated and laminated paper 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 <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF GREENVILLE COUNTY—Con.</b>													
325	Chemical manufacturing .....	1	33	17	1 705	59 703	1 239	1 864	33 807	406 349	386 131	790 435	19 988
3254	Pharmaceutical and medicine manufacturing .....	—	3	3	1 050	30 232	835	993	19 253	249 231	254 547	509 904	12 991
32541	Pharmaceutical and medicine manufacturing .....	—	3	3	1 050	30 232	835	993	19 253	249 231	254 547	509 904	12 991
325412	Pharmaceutical preparation manufacturing .....	—	3	3	1 050	30 232	835	993	19 253	249 231	254 547	509 904	12 991
326	Plastics and rubber products manufacturing .....	4	24	14	4 915	216 708	4 001	7 999	147 039	899 801	566 575	1 460 802	149 976
3261	Plastics product manufacturing ..	6	19	12	h	D	D	D	D	D	D	D	D
32611	Plastics packaging materials and un laminated film and sheet manufacturing .....	7	4	3	g	D	D	D	D	D	D	D	D
326112	Plastics packaging film and sheet (including laminated) manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D
326113	Un laminated plastics film and sheet (except packaging) manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	—	10	5	975	27 362	829	1 422	18 131	62 531	52 825	114 102	D
326199	All other plastics product manufacturing .....	—	9	5	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	5	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
327	Nonmetallic mineral product manufacturing .....	—	14	6	505	19 248	403	926	15 017	86 975	63 030	149 217	D
332	Fabricated metal product manufacturing .....	1	62	15	1 086	40 966	807	1 645	24 417	97 158	78 270	175 014	3 751
333	Machinery manufacturing .....	—	56	20	i	D	D	D	D	D	D	D	113 786
3332	Industrial machinery manufacturing .....	—	15	6	f	D	D	D	D	D	D	D	D
33329	Other industrial machinery manufacturing .....	—	15	6	f	D	D	D	D	D	D	D	D
333292	Textile machinery manufacturing .....	—	12	6	f	D	D	D	D	D	D	D	D
3336	Engine, turbine, and power transmission equipment manufacturing .....	—	4	4	h	D	D	D	D	D	D	D	D
33361	Engine, turbine, and power transmission equipment manufacturing .....	—	4	4	h	D	D	D	D	D	D	D	D
333611	Turbine and turbine generator set units manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
3339	Other general purpose machinery manufacturing .....	—	16	5	f	D	D	D	D	D	D	D	D
33399	All other general purpose machinery manufacturing ....	—	12	4	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	—	8	5	1 949	104 984	1 220	3 125	50 789	222 012	351 030	570 315	D
3344	Semiconductor and other electronic component manufacturing .....	—	6	4	g	D	D	D	D	D	D	D	D
33441	Semiconductor and other electronic component manufacturing .....	—	6	4	g	D	D	D	D	D	D	D	D
334411	Electron tube manufacturing ..	—	1	1	f	D	D	D	D	D	D	D	D
334414	Electronic capacitor manufacturing .....	—	2	2	f	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	3	15	7	2 553	115 053	2 115	4 555	94 097	356 129	426 272	770 488	33 493
3363	Motor vehicle parts manufacturing .....	1	8	4	f	D	D	D	D	D	D	D	D
3364	Aerospace product and parts manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
33641	Aerospace product and parts manufacturing .....	5	2	2	g	D	D	D	D	D	D	D	D
336411	Aircraft manufacturing .....	9	1	1	g	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF GREENWOOD COUNTY</b>													
31-33	Manufacturing .....	-	55	20	5 801	215 898	4 824	10 362	176 582	666 735	1 061 348	1 709 545	112 019
313	Textile mills .....	-	2	2	f	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
325	Chemical manufacturing .....	-	4	4	h	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
3259	Other chemical product and preparation manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
32599	All other chemical product and preparation manufacturing ...	-	1	1	g	D	D	D	D	D	D	D	D
325992	Photographic film, paper, plate, and chemical manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF HAMPTON COUNTY</b>													
31-33	Manufacturing .....	1	14	7	f	D	D	D	D	D	D	D	D
<b>BALANCE OF HORRY COUNTY</b>													
31-33	Manufacturing .....	5	81	13	1 324	38 976	951	1 856	23 290	90 082	133 475	224 833	D
<b>BALANCE OF KERSHAW COUNTY</b>													
31-33	Manufacturing .....	-	54	23	h	D	D	D	D	D	D	D	D
313	Textile mills .....	-	4	3	705	26 463	631	1 288	21 690	64 223	54 249	124 113	D
3132	Fabric mills .....	-	4	3	705	26 463	631	1 288	21 690	64 223	54 249	124 113	D
325	Chemical manufacturing .....	-	3	2	g	D	D	D	D	D	D	D	D
3252	Resin, synthetic rubber, and artificial synthetic fibers and filaments manufacturing .....	-	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
336	Transportation equipment manufacturing .....	-	6	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF LANCASTER COUNTY</b>													
31-33	Manufacturing .....	-	49	21	g	D	D	D	D	D	D	D	12 786
313	Textile mills .....	-	2	2	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	-	1	1	g	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	1	1	g	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	1	1	g	D	D	D	D	D	D	D	D
<b>BALANCE OF LAURENS COUNTY</b>													
31-33	Manufacturing .....	-	34	12	2 958	105 259	2 435	4 728	76 553	280 436	375 288	655 571	17 841
332	Fabricated metal product manufacturing .....	-	14	4	1 760	60 507	1 542	3 014	49 579	150 857	147 209	297 830	2 145
3329	Other fabricated metal product manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
33299	All other fabricated metal product manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
332991	Ball and roller bearing manufacturing .....	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
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 4. Industry Statistics for Places: 2002—Con.**

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

NAICS code	Geographic area and industry	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF LEXINGTON COUNTY</b>													
31-33	Manufacturing .....	1	144	38	5 545	203 076	4 074	8 619	135 377	697 431	660 696	1 376 071	48 489
311	Food manufacturing .....	2	7	4	773	17 296	528	1 188	9 138	175 321	85 551	260 803	2 166
3116	Animal slaughtering and processing .....	-	4	3	f	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	4	3	f	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	3	2	f	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	6	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
332	Fabricated metal product manufacturing .....	2	35	11	900	30 784	630	1 253	19 221	61 557	63 753	125 580	1 997
3323	Architectural and structural metals manufacturing .....	1	16	7	641	21 536	423	798	12 457	40 656	45 843	86 737	1 423
33231	Plate work and fabricated structural product manufacturing .....	1	10	5	f	D	D	D	D	D	D	D	D
<b>BALANCE OF MARION COUNTY</b>													
31-33	Manufacturing .....	-	12	8	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF MARLBORO COUNTY</b>													
31-33	Manufacturing .....	1	15	10	1 216	36 419	995	2 160	26 443	120 106	166 352	284 085	11 445
313	Textile mills .....	1	2	2	f	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	1	2	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	1	2	2	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	1	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF NEWBERRY COUNTY</b>													
31-33	Manufacturing .....	1	29	20	2 539	78 875	2 228	4 407	63 527	176 012	248 032	426 269	D
315	Apparel manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
3151	Apparel knitting mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31511	Hosiery and sock mills .....	-	1	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
321	Wood product manufacturing .....	2	9	8	778	27 873	666	1 445	21 872	66 725	118 855	185 629	3 062
<b>BALANCE OF OCONEE COUNTY</b>													
31-33	Manufacturing .....	-	58	20	3 667	131 897	2 641	5 344	83 922	485 920	335 142	800 061	23 203
334	Computer and electronic product manufacturing .....	-	4	2	f	D	D	D	D	D	D	D	D
3345	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
33451	Navigational, measuring, electromedical, and control instruments manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
334515	Instrument manufacturing for measuring and testing electricity and electrical signals .....	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF OCONEE COUNTY—Con.</b>													
335	Electrical equipment, appliance, and component manufacturing .....	-	2	2	f	D	D	D	D	D	D	D	D
3353	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335314	Relay and industrial control manufacturing .....	-	1	1	f	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
<b>BALANCE OF ORANGEBURG COUNTY</b>													
31-33	Manufacturing .....	-	54	22	2 161	69 931	1 731	3 168	48 654	182 964	285 585	475 255	151 830
321	Wood product manufacturing .....	-	15	11	f	D	D	D	D	D	D	D	D
<b>BALANCE OF PICKENS COUNTY</b>													
31-33	Manufacturing .....	-	70	29	5 081	147 172	4 409	8 106	113 806	302 871	696 868	1 005 028	28 971
313	Textile mills .....	-	8	8	2 003	52 092	1 871	3 436	45 867	123 647	223 987	345 428	1 573
3132	Fabric mills .....	-	5	5	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
3133	Textile and fabric finishing and fabric coating mills .....	-	2	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	-	2	2	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	-	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3141	Textile furnishings mills .....	-	1	1	f	D	D	D	D	D	D	D	D
31412	Curtain and linen mills .....	-	1	1	f	D	D	D	D	D	D	D	D
314129	Other household textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	16	6	525	19 065	398	778	11 836	39 792	31 635	71 134	4 553
333	Machinery manufacturing .....	-	12	6	877	25 994	732	1 284	19 612	20 098	100 756	115 940	D
336	Transportation equipment manufacturing .....	-	3	3	f	D	D	D	D	D	D	D	D
<b>BALANCE OF RICHLAND COUNTY</b>													
31-33	Manufacturing .....	-	140	60	i	D	D	D	D	D	D	D	156 395
322	Paper manufacturing .....	-	8	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
32212	Paper mills .....	-	1	1	f	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	-	1	1	f	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	-	7	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	20	13	1 281	44 553	708	1 483	24 689	159 856	232 986	385 861	13 107
333	Machinery manufacturing .....	1	13	5	f	D	D	D	D	D	D	D	D
334	Computer and electronic product manufacturing .....	-	3	1	f	D	D	D	D	D	D	D	D
3343	Audio and video equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
33431	Audio and video equipment manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
334310	Audio and video equipment manufacturing .....	-	2	1	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 .....	-	1	1	f	D	D	D	D	D	D	D	D
33531	Electrical equipment manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
335313	Switchgear and switchboard apparatus manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>BALANCE OF SPARTANBURG COUNTY</b>													
31-33	Manufacturing .....	1	412	147	19 591	677 112	14 652	28 654	442 696	1 908 759	2 439 318	4 326 991	169 659
311	Food manufacturing .....	—	16	5	f	D	D	D	D	D	D	D	D
313	Textile mills .....	2	37	24	h	D	D	D	D	D	D	D	20 275
3131	Fiber, yarn, and thread mills .....	6	6	4	540	14 231	461	870	10 467	14 628	148 640	145 561	2 013
31311	Fiber, yarn, and thread mills ...	6	6	4	540	14 231	461	870	10 467	14 628	148 640	145 561	2 013
3132	Fabric mills .....	1	23	17	h	D	D	D	D	D	D	D	D
31321	Broadwoven fabric mills .....	—	9	6	f	D	D	D	D	D	D	D	D
313210	Broadwoven fabric mills .....	—	9	6	f	D	D	D	D	D	D	D	D
31322	Narrow fabric mills and schiffli machine embroidery .....	8	6	6	f	D	D	D	D	D	D	D	D
31323	Nonwoven fabric mills .....	—	7	5	1 227	44 432	931	1 950	25 363	109 636	96 709	200 578	11 060
313230	Nonwoven fabric mills .....	—	7	5	1 227	44 432	931	1 950	25 363	109 636	96 709	200 578	11 060
314	Textile product mills .....	4	18	5	f	D	D	D	D	D	D	D	D
322	Paper manufacturing .....	—	16	11	g	D	D	D	D	D	D	D	D
3222	Converted paper product manufacturing .....	—	16	11	g	D	D	D	D	D	D	D	D
32221	Paperboard container manufacturing .....	—	12	9	f	D	D	D	D	D	D	D	D
322211	Corrugated and solid fiber box manufacturing .....	—	9	7	f	D	D	D	D	D	D	D	D
32222	Paper bag and coated and treated paper manufacturing ..	—	3	2	f	D	D	D	D	D	D	D	D
323	Printing and related support activities .....	—	19	5	f	D	D	D	D	D	D	D	D
3231	Printing and related support activities .....	—	19	5	f	D	D	D	D	D	D	D	D
32311	Printing .....	—	17	4	f	D	D	D	D	D	D	D	D
323111	Commercial gravure printing ..	—	1	1	f	D	D	D	D	D	D	D	D
325	Chemical manufacturing .....	—	32	17	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	2	26	16	2 534	98 844	2 106	4 103	75 465	260 740	308 862	571 224	D
3261	Plastics product manufacturing ..	4	23	14	g	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	2	14	8	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	2	13	8	f	D	D	D	D	D	D	D	D
3262	Rubber product manufacturing ...	—	3	2	g	D	D	D	D	D	D	D	D
32621	Tire manufacturing .....	—	2	2	g	D	D	D	D	D	D	D	D
326211	Tire manufacturing (except retreading) .....	—	2	2	g	D	D	D	D	D	D	D	D
327	Nonmetallic mineral product manufacturing .....	—	14	5	f	D	D	D	D	D	D	D	D
331	Primary metal manufacturing .....	—	7	4	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	1	83	14	1 344	52 471	1 030	2 072	33 771	109 015	94 321	204 442	D
333	Machinery manufacturing .....	—	45	15	g	D	D	D	D	D	D	D	D
3334	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	—	3	1	f	D	D	D	D	D	D	D	D
33341	Ventilation, heating, air-conditioning, and commercial refrigeration equipment manufacturing .....	—	3	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
3339	Other general purpose machinery manufacturing .....	—	9	3	1 084	24 319	249	398	7 820	44 406	59 780	100 802	1 104
33399	All other general purpose machinery manufacturing ....	—	6	2	f	D	D	D	D	D	D	D	D
333993	Packaging machinery manufacturing .....	—	1	1	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	8	3	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	E1	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
<b>BALANCE OF SPARTANBURG COUNTY—Con.</b>													
336	Transportation equipment manufacturing .....	-	18	9	g	D	D	D	D	D	D	D	11 345
3363	Motor vehicle parts manufacturing .....	-	13	9	g	D	D	D	D	D	D	D	D
33632	Motor vehicle electrical and electronic equipment manufacturing .....	-	4	3	607	17 009	521	1 040	13 039	52 069	48 639	97 944	D
336322	Other motor vehicle electrical and electronic equipment manufacturing .....	-	4	3	607	17 009	521	1 040	13 039	52 069	48 639	97 944	D
33637	Motor vehicle metal stamping ..	-	2	2	f	D	D	D	D	D	D	D	D
336370	Motor vehicle metal stamping .....	-	2	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF SUMTER COUNTY</b>													
31-33	Manufacturing .....	-	39	20	4 952	154 170	4 299	8 439	122 375	411 641	379 300	786 846	24 566
311	Food manufacturing .....	-	2	2	g	D	D	D	D	D	D	D	D
3116	Animal slaughtering and processing .....	-	1	1	g	D	D	D	D	D	D	D	D
31161	Animal slaughtering and processing .....	-	1	1	g	D	D	D	D	D	D	D	D
311615	Poultry processing .....	-	1	1	g	D	D	D	D	D	D	D	D
336	Transportation equipment manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3363	Motor vehicle parts manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
33631	Motor vehicle gasoline engine and engine parts manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
336311	Carburetor, piston, piston ring, and valve manufacturing .....	-	1	1	f	D	D	D	D	D	D	D	D
<b>BALANCE OF UNION COUNTY</b>													
31-33	Manufacturing .....	2	25	13	2 950	86 691	2 431	4 756	60 140	187 659	160 459	351 900	D
313	Textile mills .....	6	4	4	g	D	D	D	D	D	D	D	D
3133	Textile and fabric finishing and fabric coating mills .....	9	2	2	f	D	D	D	D	D	D	D	D
31331	Textile and fabric finishing mills .....	9	2	2	f	D	D	D	D	D	D	D	D
313311	Broadwoven fabric finishing mills .....	9	2	2	f	D	D	D	D	D	D	D	D
314	Textile product mills .....	-	3	2	f	D	D	D	D	D	D	D	D
3149	Other textile product mills .....	-	2	1	f	D	D	D	D	D	D	D	D
31499	All other textile product mills . . .	-	2	1	f	D	D	D	D	D	D	D	D
314999	All other miscellaneous textile product mills .....	-	1	1	f	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	-	6	2	f	D	D	D	D	D	D	D	D
<b>BALANCE OF WILLIAMSBURG COUNTY</b>													
31-33	Manufacturing .....	-	20	10	g	D	D	D	D	D	D	D	D
326	Plastics and rubber products manufacturing .....	-	3	2	f	D	D	D	D	D	D	D	D
3261	Plastics product manufacturing ..	-	3	2	f	D	D	D	D	D	D	D	D
32619	Other plastics product manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D
326199	All other plastics product manufacturing .....	-	2	1	f	D	D	D	D	D	D	D	D

See footnotes at end of table.

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

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

NAICS code	Geographic area and industry	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)	
		E <sup>1</sup>	Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)					Wages (\$1,000)
<b>BALANCE OF YORK COUNTY</b>													
31-33	Manufacturing .....	—	110	39	5 135	223 808	3 822	7 702	145 367	605 128	471 249	1 070 966	44 116
322	Paper manufacturing .....	—	4	2	g	D	D	D	D	D	D	D	D
3221	Pulp, paper, and paperboard mills .....	—	1	1	g	D	D	D	D	D	D	D	D
32212	Paper mills .....	—	1	1	g	D	D	D	D	D	D	D	D
322121	Paper (except newsprint) mills .....	—	1	1	g	D	D	D	D	D	D	D	D
332	Fabricated metal product manufacturing .....	—	26	10	921	31 422	704	1 257	20 301	99 163	62 553	160 191	D
334	Computer and electronic product manufacturing .....	3	4	2	f	D	D	D	D	D	D	D	D
335	Electrical equipment, appliance, and component manufacturing .....	—	7	5	585	19 445	442	882	12 061	37 534	50 284	86 035	D

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

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

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

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

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

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

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

Item	Value
<b>SOUTH CAROLINA</b>	
Companies <sup>1</sup> .....	N
All establishments <sup>2</sup> .....	4 457
Establishments with 1 to 19 employees .....	2 801
Establishments with 20 to 99 employees .....	976
Establishments with 100 employees or more .....	680
All employees <sup>3</sup> .....	289 933
Total compensation .....	\$1,000.. 13 529 703
Annual payroll .....	\$1,000.. 10 602 614
Total fringe benefits .....	\$1,000.. 2 927 089
Production workers, average for year .....	220 127
Production workers on March 12 .....	221 165
Production workers on May 12 .....	221 797
Production workers on August 12 .....	221 502
Production workers on November 12 .....	215 631
Production worker hours .....	1,000.. 441 235
Production worker wages .....	\$1,000.. 6 867 306
Total cost of materials .....	\$1,000.. 42 396 989
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 36 982 268
Resales .....	\$1,000.. 3 064 435
Purchased fuels .....	\$1,000.. 574 898
Purchased electricity .....	\$1,000.. 1 105 839
Contract work .....	\$1,000.. 669 549
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 31 081 757
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. 1 505 514
Total value of shipments .....	\$1,000.. 81 132 781
Value of resales .....	\$1,000.. '3 497 340
Value added .....	\$1,000.. 38 611 266
Total inventories, beginning of year .....	\$1,000.. 8 340 060
Finished goods inventories .....	\$1,000.. 3 072 724
Work-in-process inventories .....	\$1,000.. 2 212 232
Materials and supplies inventories .....	\$1,000.. 3 055 104
Total inventories, end of year .....	\$1,000.. 8 263 198
Finished goods inventories .....	\$1,000.. 3 120 934
Work-in-process inventories .....	\$1,000.. 2 070 545
Materials and supplies inventories .....	\$1,000.. 3 071 719
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. 50 205 572
Total capital expenditures (new and used) .....	\$1,000.. 2 911 246
Buildings and other structures (new and used) .....	\$1,000.. 376 700
Machinery and equipment (new and used) .....	\$1,000.. 2 534 546
Automobiles, trucks, etc., for highway use .....	\$1,000.. 41 274
Computers and peripheral data processing equipment .....	\$1,000.. 109 658
All other expenditures for machinery and equipment .....	\$1,000.. 2 383 614
Total retirements .....	\$1,000.. 1 938 743
Gross value of depreciable assets at end of year .....	\$1,000.. 51 178 075
Depreciation charges during year .....	\$1,000.. 3 274 343
Total rental payments .....	\$1,000.. 499 881
Buildings and other structures .....	\$1,000.. 231 703
Machinery and equipment .....	\$1,000.. 268 178

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

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

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

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



# Appendix A.

## Explanation of Terms

---

### **COMPANY**

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

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

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

### **Establishment**

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

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

### **PAYROLL**

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

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

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

---

## **TOTAL FRINGE BENEFITS**

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

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

## **NUMBER OF EMPLOYEES**

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

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

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

### **Production Workers**

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

### **All Other Employees**

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

## **PRODUCTION-WORKER HOURS**

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

---

## **COST OF MATERIALS**

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

Included in this item are:

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

### **Specific materials consumed**

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

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

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

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

## **TOTAL VALUE OF SHIPMENTS**

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

---

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

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

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

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

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

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

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

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

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

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

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

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

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

### **Specialization and coverage ratio**

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

---

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

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

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

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

### **VALUE ADDED**

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

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

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

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

This item is comprised of:

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

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

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

Inventory valuations include:

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

---

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

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

Gross value of depreciable/depletable assets includes:

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

Excluded are nondepreciable capital assets including inventories and intangible assets.

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

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

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

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

These data include expenditures for:

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

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

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

## **RETIREMENTS OF DEPRECIABLE ASSETS**

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

---

## **RENTAL PAYMENTS**

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

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

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

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

## **DEPRECIATION CHARGES FOR FIXED ASSETS**

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

# Appendix B.

## NAICS Codes, Titles, and Descriptions

---

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

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

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

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

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

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

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



---

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

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

### **311 FOOD MANUFACTURING**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### **311211 FLOUR MILLING**

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

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

### **311212 RICE MILLING**

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

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

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

### **311213 MALT MANUFACTURING**

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

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

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

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

### **311221 WET CORN MILLING**

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

---

### **311222 SOYBEAN PROCESSING**

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

### **311223 OTHER OILSEED PROCESSING**

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

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

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

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

### **31123 BREAKFAST CEREAL MANUFACTURING**

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

### **311230 BREAKFAST CEREAL MANUFACTURING**

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

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

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

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

### **31131 SUGAR MANUFACTURING**

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

### **311311 SUGARCANE MILLS**

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

### **311312 CANE SUGAR REFINING**

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

### **311313 BEET SUGAR MANUFACTURING**

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

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

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

---

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

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

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

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

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

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

### **31134 NONCHOCOLATE CONFECTIONERY MANUFACTURING**

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

### **311340 NONCHOCOLATE CONFECTIONERY MANUFACTURING**

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

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

This industry group comprises establishments primarily engaged in the following:

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

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

### **31141 FROZEN FOOD MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing frozen fruit, frozen juices, frozen vegetables, and frozen specialty foods (except seafood), such as frozen dinners, entrees, and side dishes; frozen pizza; frozen whipped toppings; and frozen waffles, pancakes, and french toast.

### **311411 FROZEN FRUIT, JUICE, AND VEGETABLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing frozen fruits; frozen vegetables; and frozen fruit juices, ades, drinks, cocktail mixes and concentrates.

### **311412 FROZEN SPECIALTY FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing frozen specialty foods (except seafood), such as frozen dinners, entrees, and side dishes; frozen pizza; frozen whipped topping; and frozen waffles, pancakes, and french toast.

---

## **31142 FRUIT AND VEGETABLE CANNING, PICKLING, AND DRYING**

This industry comprises establishments primarily engaged in manufacturing canned, pickled, and dried fruits, vegetables, and specialty foods. Establishments in this industry may package the dried or dehydrated ingredients they make with other purchased ingredients. Examples of products made by these establishments are canned juices; canned baby foods; canned soups (except seafood); canned dry beans; canned tomato-based sauces, such as catsup, salsa, chili, spaghetti, barbeque, and tomato paste, pickles, relishes, jams and jellies, dried soup mixes and bullions, and sauerkraut.

### **311421 FRUIT AND VEGETABLE CANNING**

This U.S. industry comprises establishments primarily engaged in manufacturing canned, pickled, and brined fruits and vegetables. Examples of products made in these establishments are canned juices; canned jams and jellies; canned tomato-based sauces, such as catsup, salsa, chili, spaghetti, barbeque, and tomato paste; pickles, relishes, and sauerkraut.

### **311422 SPECIALTY CANNING**

This U.S. industry comprises establishments primarily engaged in manufacturing canned specialty foods. Examples of products made in these establishments are canned baby food, canned baked beans, canned soups (except seafood), canned spaghetti, and other canned nationality foods.

### **311423 DRIED AND DEHYDRATED FOOD MANUFACTURING**

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

1. Drying (including freeze-dried) and/or dehydrating fruits, vegetables, and soup mixes and bouillon and/or
2. Drying and/or dehydrating ingredients and packaging them with other purchased ingredients, such as rice and dry pasta.

## **3115 DAIRY PRODUCT MANUFACTURING**

This industry group comprises establishments that manufacture dairy products from raw milk, processed milk, and dairy substitutes.

### **31151 DAIRY PRODUCT (EXCEPT FROZEN) MANUFACTURING**

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

1. Manufacturing dairy products (except frozen) from raw milk and/or processed milk products;
2. Manufacturing dairy substitutes (except frozen) from soybeans and other nondairy substances; and
3. Manufacturing dry, condensed, concentrated, and evaporated dairy and dairy substitute products.

### **311511 FLUID MILK MANUFACTURING**

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

1. Manufacturing processed milk products, such as pasteurized milk or cream and sour cream and/or
2. Manufacturing fluid milk dairy substitutes from soybeans and other nondairy substances.

### **311512 CREAMERY BUTTER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing creamery butter from milk and/or processed milk products.

---

### **311513 CHEESE MANUFACTURING**

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

1. manufacturing cheese products (except cottage cheese) from raw milk and/or processed milk products and/or
2. manufacturing cheese substitutes from soybean and other nondairy substances.

### **311514 DRY, CONDENSED, AND EVAPORATED DAIRY PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing dry, condensed, and evaporated milk and dairy substitute products.

### **31152 ICE CREAM AND FROZEN DESSERT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing ice cream, frozen yogurts, frozen ices, sherbets, frozen tofu, and other frozen desserts (except bakery products).

### **311520 ICE CREAM AND FROZEN DESSERT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing ice cream, frozen yogurts, frozen ices, sherbets, frozen tofu, and other frozen desserts (except bakery products).

### **3116 ANIMAL SLAUGHTERING AND PROCESSING**

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

1. Slaughtering animals;
2. Preparing processed meats and meat byproducts; and
3. Rendering and/or refining animal fat, bones, and meat scraps.

This industry includes establishments primarily engaged in assembly cutting and packing of meats (i.e., boxed meats) from purchased carcasses.

### **31161 ANIMAL SLAUGHTERING AND PROCESSING**

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

1. Slaughtering animals;
2. Preparing processed meats and meat byproducts; and
3. Rendering and/or refining animal fat, bones, and meat scraps.

This industry includes establishments primarily engaged in assembly cutting and packing of meats (i.e., boxed meats) from purchased carcasses.

### **311611 ANIMAL (EXCEPT POULTRY) SLAUGHTERING**

This U.S. industry comprises establishments primarily engaged in slaughtering animals (except poultry and small game). Establishments that slaughter and prepare meats are included in this industry.

### **311612 MEAT PROCESSED FROM CARCASSES**

This U.S. industry comprises establishments primarily engaged in processing or preserving meat and meat byproducts (except poultry and small game) from purchased meats. This industry includes establishments primarily engaged in assembly cutting and packing of meats (i.e., boxed meats) from purchased meats.

---

### **311613 RENDERING AND MEAT BYPRODUCT PROCESSING**

This U.S. industry comprises establishments primarily engaged in rendering animal fat, bones, and meat scraps.

### **311615 POULTRY PROCESSING**

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

1. slaughtering poultry and small game and/or
2. preparing processed poultry and small game meat and meat byproducts.

### **3117 SEAFOOD PRODUCT PREPARATION AND PACKAGING**

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

1. Canning seafood (including soup);
2. Smoking, salting, and drying seafood;
3. Eviscerating fresh fish by removing heads, fins, scales, bones, and entrails;
4. Shucking and packing fresh shellfish;
5. Processing marine fats and oils; and
6. Freezing seafood.

Establishments known as “floating factory ships” that are engaged in the gathering and processing of seafood into canned seafood products are also included in this industry group.

### **31171 SEAFOOD PRODUCT PREPARATION AND PACKAGING**

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

1. Canning seafood (including soup);
2. Smoking, salting, and drying seafood;
3. Eviscerating fresh fish by removing heads, fins, scales, bones, and entrails;
4. Shucking and packing fresh shellfish;
5. Processing marine fats and oils; and
6. Freezing seafood.

Establishments known as “floating factory ships” that are engaged in the gathering and processing of seafood into canned seafood products are also included in this industry.

### **311711 SEAFOOD CANNING**

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

1. Canning seafood (including soup) and marine fats and oils and/or
2. Smoking, salting, and drying seafood.

Establishments known as “floating factory ships” that are engaged in the gathering and processing of seafood into canned seafood products are also included in this industry.

### **311712 FRESH AND FROZEN SEAFOOD PROCESSING**

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

1. Eviscerating fresh fish by removing heads, fins, scales, bones, and entrails;
2. Shucking and packing fresh shellfish;

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

### **3118 Bakeries and Tortilla Manufacturing**

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

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

### **31181 Bread and Bakery Product Manufacturing**

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

#### **311811 Retail Bakeries**

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

#### **311812 Commercial Bakeries**

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

#### **311813 Frozen Cakes, Pies, and Other Pastries Manufacturing**

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

### **31182 Cookie, Cracker, and Pasta Manufacturing**

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

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

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

#### **311821 Cookie and Cracker Manufacturing**

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

#### **311822 Flour Mixes and Dough Manufacturing from Purchased Flour**

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

#### **311823 Dry Pasta Manufacturing**

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



---

### **311821 COOKIE AND CRACKER MANUFACTURING**

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

### **311822 FLOUR MIXES AND DOUGH MANUFACTURING FROM PURCHASED FLOUR**

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

### **311823 DRY PASTA MANUFACTURING**

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

### **31183 TORTILLA MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing tortillas.

### **311830 TORTILLA MANUFACTURING**

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

### **3119 OTHER FOOD MANUFACTURING**

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

### **31191 SNACK FOOD MANUFACTURING**

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

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

### **311911 ROASTED NUTS AND PEANUT BUTTER MANUFACTURING**

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

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

### **311919 OTHER SNACK FOOD MANUFACTURING**

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

### **31192 COFFEE AND TEA MANUFACTURING**

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

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

### **311920 COFFEE AND TEA MANUFACTURING**

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

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

### **31193 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING**

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

### **311930 FLAVORING SYRUP AND CONCENTRATE MANUFACTURING**

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

### **31194 SEASONING AND DRESSING MANUFACTURING**

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

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

### **311941 MAYONNAISE, DRESSING, AND OTHER PREPARED SAUCE MANUFACTURING**

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

### **311942 SPICE AND EXTRACT MANUFACTURING**

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

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

---

### **31199 ALL OTHER FOOD MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing food (except animal food; grain and oilseed milling; sugar and confectionery products; preserved fruits, vegetables, and specialties; dairy products; meat products; seafood products; bakeries and tortillas; snack foods; coffee and tea; flavoring syrups and concentrates; seasonings; and dressings). Included in this industry are establishments primarily engaged in mixing purchased dried and/or dehydrated ingredients including those mixing purchased dried and/or dehydrated ingredients for soup mixes and bouillon.

#### **311991 PERISHABLE PREPARED FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing perishable prepared foods, such as salads, sandwiches, prepared meals, fresh pizza, fresh pasta, and peeled or cut vegetables.

#### **311999 ALL OTHER MISCELLANEOUS FOOD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing food (except animal food; grain and oilseed milling; sugar and confectionery products; preserved fruits, vegetables, and specialties; dairy products; meat products; seafood products; bakery and tortillas products; snack foods; coffee and tea; flavoring syrups and concentrates; seasonings and dressings; and perishable prepared food). Included in this industry are establishments primarily engaged in mixing purchased dried and/or dehydrated ingredients including those mixing purchased dried and/or dehydrated ingredients for soup mixes and bouillon.

### **312 BEVERAGE AND TOBACCO PRODUCT MANUFACTURING**

Industries in the Beverage and Tobacco Product Manufacturing subsector manufacture beverages and tobacco products. The industry group, Beverage Manufacturing, includes three types of establishments:

1. Those that manufacture nonalcoholic beverages;
2. Those that manufacture alcoholic beverages through the fermentation process; and
3. Those that produce distilled alcoholic beverages.

Ice manufacturing, while not a beverage, is included with nonalcoholic beverage manufacturing because it uses the same production process as water purification.

In the case of activities related to the manufacture of beverages, the structure follows the defined productive processes. Brandy, a distilled beverage, was not placed under distillery product manufacturing, but rather under the NAICS class for winery product manufacturing since the productive process used in the manufacturing of alcoholic grape-based beverages produces both wines (fermented beverage) and brandies (distilled beverage).

The industry group, Tobacco Manufacturing, includes two types of establishments:

1. Those engaged in redrying and stemming tobacco and,
2. Those that manufacture tobacco products, such as cigarettes and cigars.

#### **3121 BEVERAGE MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing soft drinks; ice; bottled water; breweries; wineries; and/or distilleries.

##### **31211 SOFT DRINK AND ICE MANUFACTURING**

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

1. Manufacturing soft drinks;

- 
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

- 
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:

- 
- 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:



- 
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;

- 
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

- 
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:

- 
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;

- 
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



- 
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

- 
- 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;

- 
2. manufacturing pig iron in molten or solid form;
  3. converting pig iron into steel;
  4. making steel;
  5. making steel and manufacturing shapes (e.g., bar, plate, rod, sheet, strip, wire); and
  6. making steel and forming tube and pipe.

### **331112 ELECTROMETALLURGICAL FERROALLOY PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electrometallurgical ferroalloys. Ferroalloys add critical elements, such as silicon and manganese for carbon steel and chromium, vanadium, tungsten, titanium, and molybdenum for low- and high-alloy metals. Ferroalloys include iron-rich alloys and more pure forms of elements added during the steel manufacturing process that alter or improve the characteristics of the metal being made.

### **3312 STEEL PRODUCT MANUFACTURING FROM PURCHASED STEEL**

This industry group comprises establishments primarily engaged in manufacturing iron and steel tube and pipe; drawing steel wire; and rolling or drawing shapes from purchased iron or steel.

#### **33121 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL**

This industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel.

#### **331210 IRON AND STEEL PIPE AND TUBE MANUFACTURING FROM PURCHASED STEEL**

This U.S. industry comprises establishments primarily engaged in manufacturing welded, riveted, or seamless pipe and tube from purchased iron or steel.

#### **33122 ROLLING AND DRAWING OF PURCHASED STEEL**

This industry comprises establishments primarily engaged in rolling and/or drawing steel shapes, such as plate, sheet, strip, rod, and bar, from purchased steel.

##### **331221 ROLLED STEEL SHAPE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in rolling or drawing shapes (except wire), such as plate, sheet, strip, rod, and bar, from purchased steel.

##### **331222 STEEL WIRE DRAWING**

This U.S. industry comprises establishments primarily engaged in drawing wire from purchased steel.

### **3313 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING**

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

1. Refining alumina;
2. Making (i.e., the primary production) aluminum from alumina;
3. Recovering aluminum from scrap or dross;
4. Alloying purchased aluminum; and
5. Manufacturing aluminum primary forms (e.g., bar, foil, pipe, plate, rod, sheet, tube, and wire).

#### **33131 ALUMINA AND ALUMINUM PRODUCTION AND PROCESSING**

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

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

### **331311 ALUMINA REFINING**

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

### **331312 PRIMARY ALUMINUM PRODUCTION**

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

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

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

### **331314 SECONDARY SMELTING AND ALLOYING OF ALUMINUM**

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

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

### **331315 ALUMINUM SHEET, PLATE, AND FOIL MANUFACTURING**

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

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

### **331316 ALUMINUM EXTRUDED PRODUCT MANUFACTURING**

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

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

### **331319 OTHER ALUMINUM ROLLING AND DRAWING**

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

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

---

### **3314 NONFERROUS METAL (EXCEPT ALUMINUM) PRODUCTION AND PROCESSING**

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

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

#### **33141 NONFERROUS METAL (EXCEPT ALUMINUM) SMELTING AND REFINING**

This industry comprises establishments primarily engaged in:

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

##### **331411 PRIMARY SMELTING AND REFINING OF COPPER**

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

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

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

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

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

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

#### **33142 COPPER ROLLING, DRAWING, EXTRUDING, AND ALLOYING**

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

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

##### **331421 COPPER ROLLING, DRAWING, AND EXTRUDING**

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

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

---

### **331422 COPPER WIRE (EXCEPT MECHANICAL) DRAWING**

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

### **331423 SECONDARY SMELTING, REFINING, AND ALLOYING OF COPPER**

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

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

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

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

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

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

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

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

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

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

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

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

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

### **3315 FOUNDRIES**

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

---

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

### **33151 FERROUS METAL FOUNDRIES**

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

#### **331511 IRON FOUNDRIES**

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

#### **331512 STEEL INVESTMENT FOUNDRIES**

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

#### **331513 STEEL FOUNDRIES (EXCEPT INVESTMENT)**

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

#### **33152 NONFERROUS METAL FOUNDRIES**

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

#### **331521 ALUMINUM DIE-CASTING FOUNDRIES**

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

#### **331522 NONFERROUS (EXCEPT ALUMINUM) DIE-CASTING FOUNDRIES**

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

#### **331524 ALUMINUM FOUNDRIES (EXCEPT DIE-CASTING)**

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

#### **331525 COPPER FOUNDRIES (EXCEPT DIE-CASTING)**

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



---

### **331528 OTHER NONFERROUS FOUNDRIES (EXCEPT DIE-CASTING)**

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

### **332 FABRICATED METAL PRODUCT MANUFACTURING**

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

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

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

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

### **3321 FORGING AND STAMPING**

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

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

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

### **33211 FORGING AND STAMPING**

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

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

---

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

### **332111 IRON AND STEEL FORGING**

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

### **332112 NONFERROUS FORGING**

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

### **332114 CUSTOM ROLL FORMING**

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

### **332115 CROWN AND CLOSURE MANUFACTURING**

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

### **332116 METAL STAMPING**

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

### **332117 POWDER METALLURGY PART MANUFACTURING**

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

### **3322 CUTLERY AND HANDTOOL MANUFACTURING**

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

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

- 
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:

- 
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:

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

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

### **33411 COMPUTER AND PERIPHERAL EQUIPMENT MANUFACTURING**

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

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

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

### **334111 ELECTRONIC COMPUTER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling electronic computers, such as mainframes, personal computers, workstations, laptops, and computer servers. Computers can be analog, digital, or hybrid. Digital computers, the most common type, are devices that do all of the following:

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

Analog computers are capable of simulating mathematical models and contain at least analog, control, and programming elements. The manufacture of computers includes the assembly or integration of processors, coprocessors, memory, storage, and input/output devices into a user-programmable final product.

### **334112 COMPUTER STORAGE DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer storage devices that allow the storage and retrieval of data from a phase change, magnetic, optical, or magnetic/optical media. Examples of products made by these establishments are CD-ROM drives, floppy disk drives, hard disk drives, and tape storage and backup units.

---

### **334113 COMPUTER TERMINAL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer terminals. Computer terminals are input/output devices that connect with a central computer for processing.

### **334119 OTHER COMPUTER PERIPHERAL EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing computer peripheral equipment (except storage devices and computer terminals).

### **3342 COMMUNICATIONS EQUIPMENT MANUFACTURING**

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

1. Telephone apparatus manufacturing;
2. Radio and television broadcasting and wireless communications equipment manufacturing; and
3. Other communications equipment manufacturing.

### **33421 TELEPHONE APPARATUS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be standalone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, LAN modems, multi-user modems, and other data communications equipment, such as bridges, routers, and gateways.

### **334210 TELEPHONE APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wire telephone and data communications equipment. These products may be stand-alone or board-level components of a larger system. Examples of products made by these establishments are central office switching equipment, cordless telephones (except cellular), PBX equipment, telephones, telephone answering machines, and data communications equipment, such as bridges, routers, and gateways.

### **33422 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are: transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

### **334220 RADIO AND TELEVISION BROADCASTING AND WIRELESS COMMUNICATIONS EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing radio and television broadcast and wireless communications equipment. Examples of products made by these establishments are transmitting and receiving antennas, cable television equipment, GPS equipment, pagers, cellular phones, mobile communications equipment, and radio and television studio and broadcasting equipment.

---

### **33429 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, and radio and television broadcast, and wireless communications equipment).

### **334290 OTHER COMMUNICATIONS EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing communications equipment (except telephone apparatus, radio and television broadcast, and wireless communications equipment).

### **3343 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

### **33431 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

### **334310 AUDIO AND VIDEO EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic audio and video equipment for home entertainment, motor vehicle, public address and musical instrument amplifications. Examples of products made by these establishments are video cassette recorders, televisions, stereo equipment, speaker systems, household-type video cameras, jukeboxes, and amplifiers for musical instruments and public address systems.

### **3344 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

### **33441 SEMICONDUCTOR AND OTHER ELECTRONIC COMPONENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing semiconductors and other components for electronic applications. Examples of products made by these establishments are capacitors, resistors, microprocessors, bare and loaded printed circuit boards, electron tubes, electronic connectors, and computer modems.

### **334411 ELECTRON TUBE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electron tubes and parts (except glass blanks). Examples of products made by these establishments are cathode ray tubes (i.e., picture tubes), klystron tubes, magnetron tubes, and traveling wave tubes.

### **334412 BARE PRINTED CIRCUIT BOARD MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing bare (i.e., rigid or flexible) printed circuit boards without mounted electronic components. These establishments print, perforate, plate, screen, etch, or photoprint interconnecting pathways for electric current on laminates.

---

### **334413 SEMICONDUCTOR AND RELATED DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing semiconductors and related solid state devices. Examples of products made by these establishments are integrated circuits, memory chips, microprocessors, diodes, transistors, solar cells and other optoelectronic devices.

### **334414 ELECTRONIC CAPACITOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic fixed and variable capacitors and condensers.

### **334415 ELECTRONIC RESISTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic resistors, such as fixed and variable resistors, resistor networks, thermistors, and varistors.

### **334416 ELECTRONIC COIL, TRANSFORMER, AND OTHER INDUCTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic inductors, such as coils and transformers.

### **334417 ELECTRONIC CONNECTOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic connectors, such as coaxial; cylindrical; rack and panel; pin and sleeve; printed circuit; and fiber optic.

### **334418 PRINTED CIRCUIT ASSEMBLY (ELECTRONIC ASSEMBLY) MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in loading components onto printed circuit boards or who manufacture and ship loaded printed circuit boards. Also known as printed circuit assemblies, electronics assemblies, or modules, these products are printed circuit boards that have some or all of the semiconductor and electronic components inserted or mounted and are inputs to a wide variety of electronic systems and devices.

### **334419 OTHER ELECTRONIC COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electronic components (except electron tubes; bare printed circuit boards; semiconductors and related devices; electronic capacitors; electronic resistors; coils, transformers, and other inductors; connectors; and loaded printed circuit boards).

### **3345 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

### **33451 NAVIGATIONAL, MEASURING, ELECTROMEDICAL, AND CONTROL INSTRUMENTS MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing navigational, measuring, electromedical, and control instruments. Examples of products made by these establishments are aeronautical instruments, appliance regulators and controls (except switches), laboratory analytical instruments, navigation and guidance systems, and physical properties testing equipment.

---

### **334510 ELECTROMEDICAL AND ELECTROTHERAPEUTIC APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electromedical and electrotherapeutic apparatus, such as magnetic resonance imaging equipment, medical ultrasound equipment, pacemakers, hearing aids, electrocardiographs, and electromedical endoscopic equipment.

### **334511 SEARCH, DETECTION, NAVIGATION, GUIDANCE, AERONAUTICAL, AND NAUTICAL SYSTEM AND INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing search, detection, navigation, guidance, aeronautical, and nautical systems and instruments. Examples of products made by these establishments are aircraft instruments (except engine), flight recorders, navigational instruments and systems, radar systems and equipment, and sonar systems and equipment.

### **334512 AUTOMATIC ENVIRONMENTAL CONTROL MANUFACTURING FOR RESIDENTIAL, COMMERCIAL, AND APPLIANCE USE**

This U.S. industry comprises establishments primarily engaged in manufacturing automatic controls and regulators for applications, such as heating, air-conditioning, refrigeration, and appliances.

### **334513 INSTRUMENTS AND RELATED PRODUCTS MANUFACTURING FOR MEASURING, DISPLAYING, AND CONTROLLING INDUSTRIAL PROCESS VARIABLES**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and related devices for measuring, displaying, indicating, recording, transmitting, and controlling industrial process variables. These instruments measure, display, or control (i.e., monitor and analyze) industrial process variables, such as temperature, humidity, pressure, vacuum, combustion, flow, level, viscosity, density, acidity, concentration, and rotation.

### **334514 TOTALIZING FLUID METER AND COUNTING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing totalizing (i.e., registering) fluid meters and counting devices. Examples of products made by these establishments are gas consumption meters, water consumption meters, parking meters, taxi meters, motor vehicle gauges, and fare collection equipment.

### **334515 INSTRUMENT MANUFACTURING FOR MEASURING AND TESTING ELECTRICITY AND ELECTRICAL SIGNALS**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments for measuring and testing the characteristics of electricity and electrical signals. Examples of products made by these establishments are circuit and continuity testers, volt meters, ohm meters, wattmeters, multimeters, and semiconductor test equipment.

### **334516 ANALYTICAL LABORATORY INSTRUMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing instruments and instrumentation systems for laboratory analysis of the chemical or physical composition or concentration of samples of solid, fluid, gaseous, or composite material.

### **334517 IRRADIATION APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing irradiation apparatus and tubes for applications, such as medical diagnostic, medical therapeutic, industrial, and research and scientific evaluation. Irradiation can take the form of beta-rays, gamma-rays, X-rays, or other ionizing radiation.

---

### **334518 WATCH, CLOCK, AND PART MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing and/or assembling: clocks; watches; timing mechanisms for clockwork operated devices; time clocks; time and date recording devices; and clock and watch parts (except crystals), such as springs, jewels, and modules.

### **334519 OTHER MEASURING AND CONTROLLING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing measuring and controlling devices (except search, detection, navigation, guidance, aeronautical, and nautical instruments and systems; automatic environmental controls for residential, commercial, and appliance use; instruments for measurement, display, and control of industrial process variables; totalizing fluid meters and counting devices; instruments for measuring and testing electricity and electrical signals; analytical laboratory instruments; watches, clocks, and parts; irradiation equipment; and electromedical and electrotherapeutic apparatus).

### **3346 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA**

This industry group comprises establishments primarily engaged in:

1. Manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or
2. Mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

### **33461 MANUFACTURING AND REPRODUCING MAGNETIC AND OPTICAL MEDIA**

This industry comprises establishments primarily engaged in:

1. manufacturing optical and magnetic media, such as blank audio tape, blank video tape, and blank diskettes and/or;
2. mass duplicating (i.e., making copies) audio, video, software, and other data on magnetic, optical, and similar media.

### **334611 SOFTWARE REPRODUCING**

This U.S. industry comprises establishments primarily engaged in mass reproducing computer software. These establishments do not generally develop any software, they mass reproduce data and programs on magnetic media, such as diskettes, tapes, or cartridges. Establishments in this industry mass reproduce products, such as CD-ROMs and game cartridges.

### **334612 PRERECORDED COMPACT DISC (EXCEPT SOFTWARE), TAPE, AND RECORD REPRODUCING**

This U.S. industry comprises establishments primarily engaged in mass reproducing audio and video material on magnetic or optical media. Examples of products mass reproduced by these establishments are audio compact discs, prerecorded audio and video cassettes, and laser discs.

### **334613 MAGNETIC AND OPTICAL RECORDING MEDIA MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing magnetic and optical recording media, such as blank magnetic tape, blank diskettes, blank optical discs, hard drive media, and blank magnetic tape cassettes.

### **335 ELECTRICAL EQUIPMENT, APPLIANCE, AND COMPONENT MANUFACTURING**

Industries in the Electrical Equipment, Appliance, and Component Manufacturing subsector manufacture products that generate, distribute and use electrical power. Electric Lighting Equipment Manufacturing establishments produce electric lamp bulbs, lighting fixtures, and parts. Household



---

Appliance Manufacturing establishments make both small and major electrical appliances and parts. Electrical Equipment Manufacturing establishments make goods, such as electric motors, generators, transformers, and switchgear apparatus. Other Electrical Equipment and Component Manufacturing establishments make devices for storing electrical power (e.g., batteries), for transmitting electricity (e.g., insulated wire), and wiring devices (e.g., electrical outlets, fuse boxes, and light switches).

### **3351 ELECTRIC LIGHTING EQUIPMENT MANUFACTURING**

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

1. Electric lamp bulb and part manufacturing and/or
2. Lighting fixture manufacturing.

#### **33511 ELECTRIC LAMP BULB AND PART MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

##### **335110 ELECTRIC LAMP BULB AND PART MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric light bulbs and tubes, and parts and components (except glass blanks for electric light bulbs).

#### **33512 LIGHTING FIXTURE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except vehicular), nonelectric lighting equipment, lamp shades (except glass and plastics), and lighting fixture components (except current-carrying wiring devices).

##### **335121 RESIDENTIAL ELECTRIC LIGHTING FIXTURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing fixed or portable residential electric lighting fixtures and lamp shades of metal, paper, or textiles. Residential electric lighting fixtures include those for use both inside and outside the residence.

##### **335122 COMMERCIAL, INDUSTRIAL, AND INSTITUTIONAL ELECTRIC LIGHTING FIXTURE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing commercial, industrial, and institutional electric lighting fixtures.

##### **335129 OTHER LIGHTING EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric lighting fixtures (except residential, commercial, industrial, institutional, and vehicular) and nonelectric lighting equipment.

### **3352 HOUSEHOLD APPLIANCE MANUFACTURING**

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

1. Small electrical appliance manufacturing and/or
2. Major appliance manufacturing.

#### **33521 SMALL ELECTRICAL APPLIANCE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares, household-type fans, household-type vacuum cleaners, and other electric household-type floor care machines.



---

### **335211 ELECTRIC HOUSEWARES AND HOUSEHOLD FAN MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing small electric appliances and electric housewares for heating, cooking, and other purposes, and electric household-type fans (except attic fans).

### **335212 HOUSEHOLD VACUUM CLEANER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric vacuum cleaners, electric floor waxing machines, and other electric floor care machines typically for household use.

### **33522 MAJOR APPLIANCE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing household-type cooking appliances, household-type laundry equipment, household-type refrigerators, upright and chest freezers, and other electrical and nonelectrical major household-type appliances, such as dishwashers, water heaters, and garbage disposal units.

### **335221 HOUSEHOLD COOKING APPLIANCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type electric and nonelectric cooking equipment (except small electric appliances and electric housewares).

### **335222 HOUSEHOLD REFRIGERATOR AND HOME FREEZER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type refrigerators and upright and chest freezers.

### **335224 HOUSEHOLD LAUNDRY EQUIPMENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing household-type laundry equipment.

### **335228 OTHER MAJOR HOUSEHOLD APPLIANCE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric and non-electric major household-type appliances (except cooking equipment, refrigerators, upright and chest freezers, and household-type laundry equipment).

### **3353 ELECTRICAL EQUIPMENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

### **33531 ELECTRICAL EQUIPMENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers; electric motors, generators, and motor generator sets; switchgear and switchboard apparatus; relays; and industrial controls.

### **335311 POWER, DISTRIBUTION, AND SPECIALTY TRANSFORMER MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing power, distribution, and specialty transformers (except electronic components). Industrial-type and consumer-type transformers in this industry vary (e.g., step up or step down) voltage but do not convert alternating to direct or direct to alternating current.

---

### **335312 MOTOR AND GENERATOR MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing electric motors (except internal combustion engine starting motors), power generators (except battery charging alternators for internal combustion engines), and motor generator sets (except turbine generator set units). This industry includes establishments rewinding armatures on a factory basis.

### **335313 SWITCHGEAR AND SWITCHBOARD APPARATUS MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing switchgear and switchboard apparatus.

### **335314 RELAY AND INDUSTRIAL CONTROL MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing relays, motor starters and controllers, and other industrial controls and control accessories.

### **3359 OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This industry group comprises establishments primarily engaged in manufacturing electrical equipment and components (except electric lighting equipment, household-type appliances, transformers, switchgear, relays, motors, and generators).

### **33591 BATTERY MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing primary and storage batteries.

### **335911 STORAGE BATTERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing storage batteries.

### **335912 PRIMARY BATTERY MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing wet or dry primary batteries.

### **33592 COMMUNICATION AND ENERGY WIRE AND CABLE MANUFACTURING**

This industry comprises establishments insulating fiber-optic cable, and manufacturing insulated nonferrous wire and cable from nonferrous wire drawn in other establishments.

### **335921 FIBER OPTIC CABLE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing insulated fiber-optic cable from purchased fiber-optic strand.

### **335929 OTHER COMMUNICATION AND ENERGY WIRE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing insulated wire and cable of nonferrous metals from purchased wire.

### **33593 WIRING DEVICE MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices and noncurrent-carrying wiring devices for wiring electrical circuits.

### **335931 CURRENT-CARRYING WIRING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing current-carrying wiring devices.

---

### **335932 NONCURRENT-CARRYING WIRING DEVICE MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing noncurrent-carrying wiring devices.

### **33599 ALL OTHER ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This industry comprises establishments primarily engaged in manufacturing electrical equipment (except electric lighting equipment, household-type appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, and wiring devices).

### **335991 CARBON AND GRAPHITE PRODUCT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing carbon, graphite, and metal-graphite brushes and brush stock; carbon or graphite electrodes for thermal and electrolytic uses; carbon and graphite fibers; and other carbon, graphite, and metal-graphite products.

### **335999 ALL OTHER MISCELLANEOUS ELECTRICAL EQUIPMENT AND COMPONENT MANUFACTURING**

This U.S. industry comprises establishments primarily engaged in manufacturing industrial and commercial electric apparatus and other equipment (except lighting equipment, household appliances, transformers, motors, generators, switchgear, relays, industrial controls, batteries, communication and energy wire and cable, wiring devices, and carbon and graphite products). This industry includes power converters (i.e., AC to DC and DC to AC), power supplies, surge suppressors, and similar equipment for industrial-type and consumer-type equipment.

### **336 TRANSPORTATION EQUIPMENT MANUFACTURING**

Industries in the Transportation Equipment Manufacturing subsector produce equipment for transporting people and goods. Transportation equipment is a type of machinery. An entire subsector is devoted to this activity because of the significance of its economic size in all three North American countries.

Establishments in this subsector utilize production processes similar to those of other machinery manufacturing establishments - bending, forming, welding, machining, and assembling metal or plastic parts into components and finished products. However, the assembly of components and subassemblies and their further assembly into finished vehicles tends to be a more common production process in this subsector than in the Machinery Manufacturing subsector.

NAICS has industry groups for the manufacture of equipment for each mode of transport - road, rail, air and water. Parts for motor vehicles warrant a separate industry group because of their importance and because parts manufacture requires less assembly, and the establishments that manufacture only parts are not as vertically integrated as those that make complete vehicles.

Land use motor vehicle equipment not designed for highway operation (e.g., agricultural equipment, construction equipment, and materials handling equipment) is classified in the appropriate NAICS subsector based on the type and use of the equipment.

### **3361 MOTOR VEHICLE MANUFACTURING**

This industry group comprises establishments primarily engaged in:

1. Automobile and light duty motor vehicle manufacturing and/or
2. Heavy duty truck manufacturing.

### **33611 AUTOMOBILE AND LIGHT DUTY MOTOR VEHICLE MANUFACTURING**

This industry comprises establishments primarily engaged in:

- 
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



- 
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:

- 
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/](http://help.econ.census.gov/econhelp/resources/).

A more detailed examination of census methodology is presented in the *History of the Economic Census* at [www.census.gov/econ/www/history.html](http://www.census.gov/econ/www/history.html).

## **INDUSTRY CLASSIFICATION OF ESTABLISHMENTS**

The classifications for all establishments covered in the 2002 Economic Census — Manufacturing are classified in 1 of 473 industries in accordance with the industry definitions in the *North American Industry Classification System (NAICS), United States, 2002* manual. There were no changes between the 2002 edition and the 1997 edition affecting this sector. When applicable, Appendix F of this report shows the product class and product comparability between the two systems for data in this report.

In the NAICS system, an industry is generally defined as a group of establishments that have similar production processes. To the extent practical, the system uses supply-based or production-oriented concepts in defining industries. The resulting group of establishments must be significant in terms of number, value added by manufacture, value of shipments, and number of employees.

The coding system works in such a way that the definitions progressively become narrower with successive additions of numerical digits. In the manufacturing sector for 2002, there are 21 subsectors (three-digit NAICS), 86 industry groups (four-digit NAICS), 184 NAICS industries (five-digit NAICS) that are comparable with Canadian and Mexican classification, and 473 U.S. industries (six-digit NAICS). Product classes and products of the manufacturing industries have been assigned codes based on the industry from which they originate. There are 1,450 product classes (seven-digit codes), 5,674 census products, and an additional 3,746 ten-digit product codes. The ten-digit products are considered the primary products of the industry with the same first six digits.

For the 2002 Economic Census — Manufacturing, all establishments were classified in particular industries based on the products they produced. If an establishment made products of more than one industry, it was classified in the industry with the largest product value. For 2002, there were no “resistance rules” or “frozen industries.”

In ASM years, establishments included in the ASM sample with certainty weights are reclassified by industry only if the change in the primary activity from the prior year is significant or if the change has occurred for 2 successive years. This procedure prevents reclassification when there are minor shifts in product mix.

In ASM years, establishments included in the ASM sample with noncertainty weight are not shifted from one industry classification to another. They are retained in the industry where they were classified in the base census year. However, in the following census year, these ASM plants are allowed to shift from one industry to another.

---

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](http://www.census.gov/epcd/ec02/disclosure.htm).

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

# Appendix D.

## Geographic Notes

---

### **SOUTH CAROLINA**

**Andrews** is in Georgetown and Williamsburg Counties.

**Batesburg-Leesville** is in Lexington and Saluda Counties.

**Burnettown** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Aiken County.

**Central** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Pickens County.

**Charleston** is in Berkeley and Charleston Counties.

**Clemson** is in Anderson and Pickens Counties.

**Columbia** is in Lexington and Richland Counties.

**Duncan** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Spartanburg County.

**Easley** is in Anderson and Pickens Counties; it annexed into Anderson County in May 2000. This change deletes territory from the Balance of Anderson County.

**Fairfax** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Allendale County.

**Fountain Inn** is in Greenville and Laurens Counties.

**Goose Creek** is in Berkeley and Charleston Counties.

**Greer** is in Greenville and Spartanburg Counties.

**Honea Path** is in Abbeville and Anderson Counties.

**Irmo** is in Lexington and Richland Counties.

**Johnston** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Edgefield County.

**Loris** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Horry County.

**Lyman** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Spartanburg County.

**McColl** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Marlboro County.

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

**New Ellenton** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Aiken County.

**North Augusta** is in Aiken and Edgefield Counties.

**North Charleston** is in Charleston and Dorchester Counties; it was erroneously reported in Berkeley County for the 1997 Economic Census. This change adds territory to the Balance of Berkeley County.

---

**Pacolet** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Spartanburg County.

**Ridgeland** is now tabulated separately due to a population increase. This change deletes territory from the Balance of Jasper County.

**South Congaree** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Lexington County.

**Summerville** is in Berkeley, Charleston, and Dorchester Counties.

**Wellford** is no longer tabulated separately due to a population decrease. This change adds territory to the Balance of Spartanburg County.

**Balance of Aiken County** includes New Ellenton, which is no longer tabulated separately due to a population decrease and no longer includes Burnetown, which is tabulated separately due to a population increase.

**Balance of Allendale County** no longer includes Fairfax, which is tabulated separately due to a population increase.

**Balance of Anderson County** lost territory due to the annexation of Easley into the county.

**Balance of Berkeley County** includes North Charleston (part), erroneously reported in the county in 1997.

**Balance of Edgefield County** includes Johnston, which is no longer tabulated separately due to a population decrease.

**Balance of Horry County** includes Loris, which is no longer tabulated separately due to a population decrease.

**Balance of Jasper County** no longer includes Ridgeland, which is tabulated separately due to a population increase.

**Balance of Lexington County** includes South Congaree, which is no longer tabulated separately due to a population decrease.

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

**Balance of Marlboro County** includes McColl, which is no longer tabulated separately due to a population decrease.

**Balance of Pickens County** no longer includes Central, which is tabulated separately due to a population increase.

**Balance of Spartanburg County** includes Wellford, which is no longer tabulated separately due to a population decrease and no longer includes Duncan, Lyman, and Pacolet, which are tabulated separately due to a population increase.

# Appendix E.

## Metropolitan and Micropolitan Statistical Areas

### **CHARLOTTE-GASTONIA-SALISBURY, NC-SC COMBINED STATISTICAL AREA**

#### **Albemarle, NC Micropolitan Statistical Area**

Stanly County, NC

#### **Charlotte-Gastonia-Concord, NC-SC Metropolitan Statistical Area**

Anson County, NC

Cabarrus County, NC

Gaston County, NC

Mecklenburg County, NC

Union County, NC

York County, SC

#### **Chester, SC Micropolitan Statistical Area**

Chester County, SC

#### **Lancaster, SC Micropolitan Statistical Area**

Lancaster County, SC

#### **Lincolnton, NC Micropolitan Statistical Area**

Lincoln County, NC

#### **Salisbury, NC Micropolitan Statistical Area**

Rowan County, NC

#### **Shelby, NC Micropolitan Statistical Area**

Cleveland County, NC

#### **Statesville-Mooresville, NC Micropolitan Statistical Area**

Iredell County, NC

### **COLUMBIA-NEWBERRY, SC COMBINED STATISTICAL AREA**

#### **Columbia, SC Metropolitan Statistical Area**

Calhoun County, SC

Fairfield County, SC

Kershaw County, SC

Lexington County, SC

Richland County, SC

Saluda County, SC

---

**Newberry, SC Micropolitan Statistical Area**

Newberry County, SC

**GREENVILLE-ANDERSON-SENECA, SC COMBINED STATISTICAL AREA**

**Anderson, SC Metropolitan Statistical Area**

Anderson County, SC

**Greenville, SC Metropolitan Statistical Area**

Greenville County, SC

Laurens County, SC

Pickens County, SC

**Seneca, SC Micropolitan Statistical Area**

Oconee County, SC

**MYRTLE BEACH-CONWAY-GEORGETOWN, SC COMBINED STATISTICAL AREA**

**Georgetown, SC Micropolitan Statistical Area**

Georgetown County, SC

**Myrtle Beach-Conway-North Myrtle Beach, SC Metropolitan Statistical Area**

Horry County, SC

**SPARTANBURG-GAFFNEY-UNION, SC COMBINED STATISTICAL AREA**

**Gaffney, SC Micropolitan Statistical Area**

Cherokee County, SC

**Spartanburg, SC Metropolitan Statistical Area**

Spartanburg County, SC

**Union, SC Micropolitan Statistical Area**

Union County, SC

**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

**BENNETTSVILLE, SC MICROPOLITAN STATISTICAL AREA**

Marlboro County, SC

---

**CHARLESTON-NORTH CHARLESTON, SC METROPOLITAN STATISTICAL AREA**

Berkeley County, SC

Charleston County, SC

Dorchester County, SC

**DILLON, SC MICROPOLITAN STATISTICAL AREA**

Dillon County, SC

**FLORENCE, SC METROPOLITAN STATISTICAL AREA**

Darlington County, SC

Florence County, SC

**GREENWOOD, SC MICROPOLITAN STATISTICAL AREA**

Greenwood County, SC

**HILTON HEAD ISLAND-BEAUFORT, SC MICROPOLITAN STATISTICAL AREA**

Beaufort County, SC

Jasper County, SC

**ORANGEBURG, SC MICROPOLITAN STATISTICAL AREA**

Orangeburg County, SC

**SUMTER, SC METROPOLITAN STATISTICAL AREA**

Sumter County, SC

**WALTERBORO, SC MICROPOLITAN STATISTICAL AREA**

Colleton County, SC

